

20031203.qrp v03\_n123.qrl.20031203

Date: Wed, 3 Dec 2003 19:03:11 EST  
From: qrp-l@Lehigh.EDU  
To: "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>  
Subject: QRP-L digest 3123

### QRP-L Digest 3123

Topics covered in this issue include:

- 1) [162215] Re: "ET phone home" ?  
by "Mike Yetsko" <myetsko@insydesw.com>
- 2) [162216] Re: [Elecraft] Orion added to Elecraft rig RX comparison page  
by "Stuart Rohre" <rohre@arlut.utexas.edu>
- 3) [162217] Project ELF and stuff...  
by KJ7UN <kj7un@kj7un.com>
- 4) [162218] Re: [Elecraft] Orion added to Elecraft rig RX comparison page  
by Bruce Muscolino <w6toy@erols.com>
- 5) [162219] RE: "ET phone home" ?  
by "Tom" <kf4yyd@adelphia.net>
- 6) [162220] Re: "ET phone home" ?  
by Garie Halstead K8KFJ <khyberpass65@yahoo.com>
- 7) [162221] [Elmer160] PICC Freeware C compiler for MicroChip PIC's  
by "Jim Sheldon" <w0eb@cox.net>
- 8) [162222] Re: [Elecraft] Orion added to Elecraft rig RX comparison page  
by Bruce Muscolino <w6toy@erols.com>
- 9) [162223] Re: Another: AZpad, While waiting for the paddle  
by "Thomas Lewis" <thomas\_h\_lewis@msn.com>
- 10) [162224] Re: Another: AZpad, While waiting for the paddle  
by "E. Roswell" <eroswell@monmouth.com>
- 11) [162225] Re: QRP ARCI Top Band Sprint  
by "w8diz" <w8diz\_qrpl@partsandkits.com>
- 12) [162226] For Trade: Hammarlund HQ-170 RX  
by "Alan Fryer" <N3BJ@hotmail.com>
- 13) [162227] Holiday Milliwatt CW Contest 2003  
by "Ralph Irons" <n7ri@earthlink.net>
- 14) [162228] Truffle Spot  
by "Jay Henson" <aj4ay@worldnet.att.net>
- 15) [162229] Re: Project ELF and stuff...  
by "Michael Melland, W9WIS" <w9wis@charter.net>
- 16) [162230] Re: "ET phone home" ?  
by "Mike Yetsko" <myetsko@insydesw.com>
- 17) [162231] For Sale: NorCal 40A Transceiver  
by "Dick Housden, W0NTA" <housden@comcast.net>
- 18) [162232] No fox heard in Thunder Bay  
by "Fred \ (VE3FAL\)" <flesnick@tbaytel.net>
- 19) [162233] [Elmer160] C compilers

- by Chuck Adams <k7qo@commspeed.net>
- 20) [162234] Re: No fox heard in Thunder Bay  
by "Mike WA8BXN" <hubby2k@hotmail.com>
- 21) [162235] FOX: THREE-FER Tonite  
by "Tom Palmer" <n1tp@swfla.rr.com>
- 22) [162236] Re: No fox heard in Thunder Bay  
by <k5oi@cox.net>
- 23) [162237] Dos Zorros  
by Al Scanandoah <k2zn@rochester.rr.com>
- 24) [162238] Re: "ET phone home" ?  
by Bud Rogers <budr@netride.net>
- 25) [162239] Re: No fox heard in Thunder Bay  
by "Sam Binkley" <sbinkley1@cox.net>
- 26) [162240] FS: CT-62  
by "Jeff Davis" <ke9v@comcast.net>
- 27) [162241] Re: NY FOX  
by <k5oi@cox.net>
- 28) [162242] new K5DI spot  
by "Mike WA8BXN" <hubby2k@hotmail.com>
- 29) [162243] RE: [Elmer160] C compilers  
by Mark Schoonover <schoon@amgt.com>
- 30) [162244] RE: [Elmer160] C compilers  
by Dale Botkin <dale@botkin.org>
- 31) [162245] Fw: CT-62  
by "Jeff Davis" <ke9v@comcast.net>
- 32) [162246] RE: [Elecraft] Orion added to Elecraft rig RX comparison page  
by "Hare,Ed, W1RFI" <w1rfi@arrl.org>
- 33) [162247] How are the Key Kits coming  
by "Joe Martin" <km5cw@wt.net>
- 34) [162248] Re: "ET phone home" ?  
by "Armin Hachmer" <armin@muskoka.com>
- 35) [162249] RE: [Elecraft] Orion added to Elecraft rig RX comparison page  
by "Hare,Ed, W1RFI" <w1rfi@arrl.org>
- 36) [162250] Clean Sweep and more  
by "Jerry Ford" <benlightnd13@mchsi.com>
- 37) [162251] FOX: The results of the low Fox  
by Karl Larsen <k5di@zianet.com>
- 38) [162252] Re: NY FOX  
by "Bob Schreibmaier" <k3ph@ptd.net>
- 39) [162253] Re: FOX: Low Fox  
by Peter Burbank <peterlee@qx.net>
- 40) [162254] RE: How are the Key Kits coming  
by "Tim Kass" <timkass@hotmail.com>
- 41) [162255] Re: "ET phone home" ?  
by Peter Burbank <peterlee@qx.net>
- 42) [162256] QRP ARCI Holiday Spirits Homebrew Sprint?  
by "Rod N0RC" <rc7039-hr@yahoo.com>
- 43) [162257] RUN FOR THE BACON

- by "Jerry Ford" <benlightnd13@mchsi.com>
- 44) [162258] QRP ARCI Holiday Spirits Sprint  
by Randy Foltz <rfoltz@turbonet.com>
- 45) [162259] Fox hunt  
by Peter Burbank <peterlee@qx.net>
- 46) [162260] Re: "ET phone home" ?  
by Tom Sevalt <n2uhc@yahoo.com>
- 47) [162261] Re: OT: Electronics learning lab?  
by Tom Sevalt <n2uhc@yahoo.com>
- 48) [162262] [Elmer 160] Was: Re: Best source for PIC's ????????  
by "John Dooley W6ZIP" <portscom@hotmail.com>
- 49) [162263] Re: Selling a few things...  
by "Ron Pyle" <raple@gwtc.net>
- 50) [162264] BPL article in Nov. 24 "Electronic Design"  
by Jeff Furman <jfurman@ocs.net>
- 51) [162265] RE: QRP ARCI Holiday Spirits Homebrew Sprint?  
by "Jim Sheldon" <w0eb@cox.net>
- 52) [162266] The Trouble with the Truffle with Tribbles...  
by Lloyd Lachow <llachow@yahoo.com>
- 53) [162267] RE: BPL article in Nov. 24 "Electronic Design"  
by "AI2Q" <ai2q@adelphia.net>
- 54) [162268] Re: How are the Key Kits coming  
by "Bob Hightower" <rhightower@cox.net>
- 55) [162269] FOX: Hi Fox results...  
by tjennin2@rochester.rr.com
- 56) [162270] FS: SW20+  
by Wayne Rogers <w5kdj@juno.com>
- 57) [162271] Paddles Shipping  
by Jerry Haigwood <w5jh@swlink.net>
- 58) [162272] Govt-sponsored Soldering Research  
by Jim Gelbort <jamesgelbort@worldnet.att.net>
- 59) [162273] Re: How are the Key Kits coming  
by Lee Mairs <lmairs@direcway.com>
- 60) [162274] Fox: Propagation tomfoolery  
by "Lee Hopper" <leehopp@msn.com>
- 61) [162275] Re: [Elecraft] Orion added to Elecraft rig RX comparison page  
by "Doug Hendricks" <ki6ds@dpol.net>
- 62) [162276] Re: [ke4ma] Re: How are the Key Kits coming  
by "Mark Andrews \ (KE4MA\)" <KE4MA@KE4IOF.com>
- 63) [162277] Re: [Elecraft] Orion added to Elecraft rig RX comparison page  
by Eric Swartz WA6HHQ - Elecraft <eric@elecraft.com>
- 64) [162278] Re: Fox: Propagation tomfoolery  
by dave <hottell@gulftel.com>
- 65) [162279] RE: "ET phone home" ?  
by "Nick Foster" <nfoster@bluefinrobotics.com>
- 66) [162280] Re: [ke4ma] Re: How are the Key Kits coming  
by Jerry Haigwood <w5jh@swlink.net>
- 67) [162281] Re: How are the Key Kits coming

by Lee Boulineau <n4mvl@yahoo.com>  
68) [162282] Re: [ke4ma] Re: How are the Key Kits coming  
by Curt Milton <wb8yyy@yahoo.com>  
69) [162283] Re: [Elecraft] Orion added to Elecraft rig RX comparison page  
by Bruce Muscolino <w6toy@erols.com>  
70) [162284] Re: "ET phone home" ?  
by "brian russell" <brian-nsl@freenet.co.uk>  
71) [162285] Re: "ET phone home" ?  
by "n2cx" <n2cx@voicenet.com>  
72) [162286] Re: Selling a few things...  
by "Ron Pyle" <raple@gwtc.net>  
73) [162287] meters  
by "carl seyersdahl" <carlseye@tampabay.rr.com>

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Date: Tue, 2 Dec 2003 18:48:58 -0500  
From: "Mike Yetsko" <myetsko@insydesw.com>  
To: <peterlee@qx.net>,  
"Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>  
Subject: [162215] Re: "ET phone home" ?  
Message-ID: <01bd01c3b92e\$f12d0700\$0200a8c0@charter.net>  
MIME-Version: 1.0  
Content-Type: text/plain;  
charset="iso-8859-1"  
Content-Transfer-Encoding: 7bit

My understanding is that subs can receive ELF signals hundreds of feet below the surface. However baud rates are on the order of a character per MINUTE or less. Reception of a simple character stream means to come to depth to receive a broader bandwidth signal.

But from what I've heard now they use laser systems. They surface and make a high speed exchange with a sat. SUPPOSEDLY they even append crew h&w if they have time.

What? Letters? On a sub? Even a boomer? Well, don't know if the boomers ever come up for mail, but I've heard the fast attacks do.

Mike

-----  
Date: Tue, 2 Dec 2003 18:02:56 -0600  
From: "Stuart Rohre" <rohre@arlut.utexas.edu>  
To: "Toby Deinhardt" <dj7mgq@muenchen-mail.de>, <qrp-1@Lehigh.EDU>  
Subject: [162216] Re: [Elecraft] Orion added to Elecraft rig RX comparison page

Message-ID: <000301c3b930\$ce5e2130\$4e100a0a@rohredt2000>

Methods of RF or other electronic testing are codified by National Standards groups. Such groups as VDE in Europe, and NIST in USA. There are specialty testing methods for such as EMC purposes, and other methods for common use say for TV receivers or Hi Fi amplifiers.

There are some variations on certain tests, commonly used by manufacturers to show their models in best light, and used with tighter specs by testers like QST to show a more general result you could expect in actual on air use.

QST has covered the details of their basis for tests and how they may differ from manufacturing testing several times over the years.

-Stuart

K5KVH

See ARRL web site, I am sure it is well covered there.

-----  
Date: Tue, 02 Dec 2003 17:18:48 -0700

From: KJ7UN <kj7un@kj7un.com>

To: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>

Subject: [162217] Project ELF and stuff...

Message-ID: <oprzkwhmsjci47zn@mail.kj7un.com>

Content-Type: text/plain; format=flowed; charset=iso-8859-15

MIME-Version: 1.0

Content-Transfer-Encoding: 8bit

Hi Curious Armin & the QRP-L Gang!

There were lots of "ELF activities" in and around Wisconsin, where I grew up, back in the 70s. I wrote a few articles on it. ELF waves, at the time, were blamed for spontaneous abortions in pregnant women (& livestock) and possibly for migraines and magnetic disturbances to communications and problems with pace-makers. It used to be a really hot topic and at some point I just never heard anything about it anymore. I assumed the government had long ago abandoned the ELF projects (they called it "Project ELF" back then) - but perhaps they are still around. Or, maybe it's just one of those things of which people can't let go. I found that my research couldn't prove or disprove anything (not that THAT'S surprising). But people I interviewed near the Project ELF locations swore it caused them all kinds of health and other troubles. It's an interesting topic! I am surprised to hear of it again, now. Brings back lots of memories. Maybe we should search the web a bit and see what's out there about Project ELF now!

73 de KJ7UN, Laura

-----  
On Tue, 2 Dec 2003 15:23:00 -0500, Armin Hachmer <armin@muskoka.com> wrote:

> chatter at the coffee shop this morning was all about a TV program last  
> night on Unsolved Mysteries.  
>  
> ELF ..extremely low frequency used by the military to communicate over  
> great distances ( i am quoting this, did not see it myself) is audible  
> to  
> some human ears.  
>  
> hm... it is supposed to sound like a  
> big diesel truck laboring up a distant hill.  
>  
> Has anyone seen the program and can tell me more?  
>  
> Curious Armin VE3TEQ  
>

-----  
Date: Tue, 02 Dec 2003 19:30:27 -0500  
From: Bruce Muscolino <w6toy@erols.com>  
To: Doug Hendricks <ki6ds@dpol.net>  
Cc: Low Power Amateur Radio Discussion <qrp-l@lehigh.edu>  
Subject: [162218] Re: [Elecraft] Orion added to Elecraft rig RX comparison page  
Message-ID: <3FCD2EA3.8526BF89@erols.com>  
MIME-Version: 1.0  
Content-Type: text/plain; charset=us-ascii  
Content-Transfer-Encoding: 7bit

Doug, (and the group where applicable),

>  
> Eric, I am addressing this to you via the list as I have always wondered  
> about the ARRL testing procedure. How are the rigs selected? Does the  
> manufacturer send a sample to them? Do they pick one at random from a  
> dealer? It would seem to be easy to get an Orion from Tentec having a  
> "blind" person buy it and then give it to the ARRL, just as it would be to  
> have someone order a K2 and then build it and send to the ARRL for testing.  
>

Such a cynical view of the testing policies and procedures used by the organization that has shown itself above question for nearly a century. The league has published its review policies since about 1975 when a noted QRP'er who worked for the ARRL at the time wrote a QST article explaining the policy. That was Bruce Williams, WA6IVC, SK, who was

Product Review Editor back then.

To avoid questions of honesty the League adopted the policy of NOT accepting equipment sent in for review. All review equipment is bought by League employees from established ham equipment dealers. Retail price is paid for the equipment, and the dealer may or may not recognize the buyer as a League employee. The purchaser then reviews the equipment for QST.

After the review has been published the equipment is sold to anybody via a sealed bid process. The use of the sealed bid process means even the purchaser or builder has to win the competition to get the rig!

If the item in question is a kit, the purchaser builds the item himself. They may use league lab facilities to build and test the unit, but the use of lab space is strictly not on working time.

All product review tests are then performed on the unit by League staffers who generally have not been associated with the purchase or build of the unit. Product review numbers are the numbers that have been obtained during these tests.

If a unit receives a bad review it receives a bad review. Manufacturers may repair the test unit, but the review is published as it was tested before any repair is attempted. If the equipment warrants it it may be reviewed again, with separate results published.

In actual practice the unit that kicked off Bruce's article was an MFJ product. After publication MFJ apparently went through the roof asking why they weren't given a chance to repair the unit before the review was published. The response was something to the effect that we don't do that. I understand it almost cost QST the advertisements!

The League is honest. It is above reproach in this area. There have been many articles published about their review procedures, usually by the new Product Review Editor. Doug, you should know the process, they have reviewed several pieces of NORCAL equipment!

Bruce

-----  
Date: Tue, 2 Dec 2003 19:39:33 -0500  
From: "Tom" <kf4yyd@adelphia.net>  
To: <dtx@wood.tzo.com>,  
"Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>  
Subject: [162219] RE: "ET phone home" ?

Message-ID: <EIEBLEILGEEGMLHGHOAGAEMACPAA.kf4yyd@adelphia.net>  
MIME-Version: 1.0  
Content-Type: text/plain;  
charset="iso-8859-1"  
Content-Transfer-Encoding: 7bit

When I was out making deterrent patrols we used to copy both VLF and ELF signals. Some of the sigs (VLF) did indeed come from 5 mile trailing wires on TACAMO aircraft (Take Charge And Move Out, definitely one of the Navy's dumber names) I know that they flew out of Naval Air Station, Patuxent, Md and I'm sure there were many others. These were C-130's and they were supposed to be replaced with E-6A's which had greater speed, range, and protection against the electromagnetic pulse of nuclear blasts.

We could copy the ELF signals much deeper than the VLF signals which is a good thing because the closer to the surface you get on a sub the worse the ride gets. We had our own floating wire, 2 of them actually, we would trail called the buoy. I don't think out of the seven patrols I did on the Alabama that we ever came back home with both of them intact. It seems one of them would foul when ever they would try to retrieve it and we would have to cut it free.

Tom kf4yyd

-----Original Message-----

From: owner-qrp-1@Lehigh.EDU [mailto:owner-qrp-1@Lehigh.EDU] On Behalf Of DTX  
Sent: Tuesday, December 02, 2003 6:43 PM  
To: Low Power Amateur Radio Discussion  
Subject: Re: "ET phone home" ?

I did not see that show, but a few nights ago I did see a History Channel program that described the Looking Glass airborne SAC command center. They fed 200KW to a trailing antenna 5 MILES long. Said they flew in a tight circle so the antenna would droop to the vertical as much as possible. Hmmm, not sure I'd want to do that<G>. It's purpose was to send launch codes to submerged submarines.

Gary WA6DTX

-----  
Date: Tue, 2 Dec 2003 16:44:52 -0800 (PST)  
From: Garie Halstead K8KFJ <khyberpass65@yahoo.com>  
To: peterlee@qx.net,



Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>  
Subject: [162220] Re: "ET phone home" ?  
Message-ID: <20031203004452.20630.qmail@web60304.mail.yahoo.com>  
MIME-Version: 1.0  
Content-Type: text/plain; charset=us-ascii

--- Peter Burbank <peterlee@qx.net> wrote:

> Armin es gangue.  
> I was reading some stuff about Navy Sub communications a few days ago  
> and a  
> mention was  
> made about an ELF antenna in Wisconsin. The legs were 14 miles long  
> and  
> beryllium handling  
> gobs of power. The reason for the frequency is that it penetrates  
> saltwater  
> for maybe 30 feet  
> for submarine receiving.  
> When I was in subs we experimented with many antennas to hear NSS and  
> NAA  
> full time.  
> One was a trailing floating wire. We ran up the periscope and there  
> were  
> hundreds of seagulls  
> chasing it. Hardly secret!  
> I have read things about people being annoyed by signals being  
> rectified by  
> their tooth fillings.  
> My 2 cents.....73 :-)  
> Pete NV4V

VLF Station NAA  
Cutler, Me  
17.8 KHz  
2,000,000 watts

I copied NAA on a VLF receiver from a Morse Intercept site in northern  
Germany with no problem.

72, Gary -K8KFJ-  
West Virginia

---

Do you Yahoo!?  
Protect your identity with Yahoo! Mail AddressGuard  
<http://antispam.yahoo.com/whatsnewfree>

-----  
Date: Tue, 2 Dec 2003 18:51:09 -0600  
From: "Jim Sheldon" <w0eb@cox.net>  
To: "QRP-L Mailing List" <qrp-l@Lehigh.EDU>  
Subject: [162221] [Elmer160] PICC Freeware C compiler for MicroChip PIC's  
Message-ID: <IBEGLCMLCDHHEFLBPHB00EDACPAA.w0eb@cox.net>  
MIME-Version: 1.0  
Content-Type: text/plain;  
                charset="iso-8859-1"  
Content-Transfer-Encoding: 7bit

Did some research, and Hi-Tech Software has a limited edition C compiler called PICC Lite that's freeware available for download from the following site. <http://www.htsoft.com/products/piclite/index.html> .. It has some limitations, but can be very useful and is downloadable for free. It needs Windows 98 second edition or later to run. There appears to also be a Linux version available on the website, but since I don't run Linux, I can't confirm this.

Jim - W0EB  
Wichita, KS

-----  
Date: Tue, 02 Dec 2003 19:59:59 -0500  
From: Bruce Muscolino <w6toy@erols.com>  
To: myetsko@insydesw.com  
Cc: Low Power Amateur Radio Discussion <qrp-l@lehigh.edu>  
Subject: [162222] Re: [Elecraft] Orion added to Elecraft rig RX comparison page  
Message-ID: <3FCD358F.FF4F1602@erols.com>  
MIME-Version: 1.0  
Content-Type: text/plain; charset=us-ascii  
Content-Transfer-Encoding: 7bit

Mike,

>  
> But also remember with a 'factory' product, it's 'test as is'. But with a  
> kit, it will be 'align to max' during the build process and then test...

Not exactly. The kits are also bought by League staffers and no indication is given that the unit is intended for Product Review. The purchase is not made on official League letterhead nor paid for with a League check. Presumably the vendor, if the purchase is made directly from the factory, is large enough that the possibility exists that the League employee is not known.

After construction BY THE PURCHASER, the PURCHASER DOES HIS OWN ALIGNMENT to the MANUAL SPECS. The unit is then tested by a totally separate group. No attempt at tweaking is made.

The review process is intended to simulate "Joe Average ham buying a piece of equipment for his own use. It is reviewed in use by the purchaser and may also be reviewed by others on the staff for different views or modes of operation.

The purpose of the review is to establish, by an independent, certified, test lab how well the unit meets its published specifications. Any attempt at tweaking would negate this.

Sure there are variations in production line units, but the manufacturer publishes his standards in brochures and catalogs. The review only wants to certify that his production units AT LEAST meet those numbers! If the unit exceeds its specification then so be it, the results are published just as they would be if the unit failed.

No attempt is ever made to "cherry pick"

Bruce

-----  
Date: Tue, 02 Dec 2003 20:04:30 -0500  
From: "Thomas Lewis" <thomas\_h\_lewis@msn.com>  
To: wlinn@smgazette.com, qrp-1@Lehigh.EDU  
Subject: [162223] Re: Another: AZpad, While waiting for the paddle  
Message-ID: <BAY5-F34WmXE76INmn400004527@hotmail.com>  
Mime-Version: 1.0  
Content-Type: text/plain; format=flowed

The only time I've seen it done differently was on the keyer installed in an MFJ-90XX. I modified the keyer for "dit on the tip".

Tom  
K4THL

>From: "Bill Linn" <wlinn@smgazette.com>  
>Reply-To: wlinn@smgazette.com  
>To: "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>  
>Subject: Re: Another: AZpad, While waiting for the paddle  
>Date: Tue, 2 Dec 2003 14:54:27 -0800  
>

>I've made several and had the same problem... I settled on putting the dit  
>side on the tip.  
>  
>Bill, W7WEL  
>  
>---  
>[SMGazette.com E-mail is scanned for viruses by Declude Virus]  
>[Visit us on the web at SMGazette.com]  
>

-----  
Our best dial-up offer is back. Get MSN Dial-up Internet Service for 6  
months @ \$9.95/month now! <http://join.msn.com/?page=dept/dialup>

-----  
Date: Tue, 02 Dec 2003 20:16:24 -0500  
From: "E. Roswell" <eroswell@monmouth.com>  
To: Bill Linn <wlinn@smgazette.com>  
Cc: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>  
Subject: [162224] Re: Another: AZpad, While waiting for the paddle  
Message-ID: <3FCD3968.3040203@monmouth.com>  
MIME-Version: 1.0  
Content-Type: text/plain; charset=us-ascii; format=flowed  
Content-Transfer-Encoding: 7bit

Well, the consensus is that is the way to go. To remember: the tip is  
the smaller part, as is the Dit.....  
Ed, K2MGM.

Bill Linn wrote:

>I've made several and had the same problem... I settled on putting the dit  
>side on the tip.  
>  
>Bill, W7WEL  
>  
>---  
>[SMGazette.com E-mail is scanned for viruses by Declude Virus]  
>[Visit us on the web at SMGazette.com]  
>  
>  
>  
>  
>

-----  
Date: Tue, 2 Dec 2003 20:21:50 -0500  
From: "w8diz" <w8diz\_qrp1@partsandkits.com>  
To: "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>  
Subject: [162225] Re: QRP ARCI Top Band Sprint  
Message-ID: <014d01c3b93b\$d4bd4a50\$b8cf1d41@cinci.rr.com>  
MIME-Version: 1.0  
Content-Type: text/plain;  
                charset="iso-8859-1"  
Content-Transfer-Encoding: 7bit

I take it this is Wednesday evening US time?

72 & "oo's" - Dieter (DIZ) Gentzow - W8DIZ - Loveland, Ohio  
Clermont County - EM79uf - near Cincinnati; 39:13:05N 84:18:18W  
RIG:multiPIG+ ANT:67 FT Vertical Dipole <http://kitsandparts.com>

----- Original Message -----

From: "Randy Foltz" <rfoltz@turbonet.com>  
To: "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>  
Sent: Monday, December 01, 2003 6:34 PM  
Subject: QRP ARCI Top Band Sprint

The QRP ARCI Top Band Sprint is December 4 0000 Z through 1200 Z. This is just before the ARRL 160 m contest which will be this coming weekend.

An excellent opportunity to exercise your 160 m capability and the only mixed mode ARCI contest.

Contest: QRP ARCI Top Band Sprint

Date: December 4, 2003 from 0000 Z through 1200 Z. Operate in the evening, in the morning, or throughout the night.

How to participate: Get on 160 m around 1.810 MHz, the QRP CW fq, or 1.910 MHz, the QRP SSB fq, and call CQ TST or answer others calling. Don't forget that the segment 1.830 to 1.835 MHz should be used for intercontinental QSOs only, in compliance with the ARRL band plan.

What to say: Give a signal report, your state, province, or country, and your QRP ARCI member number (use your power if you're not a member).

QSO Points: Each member is worth 5 points, each non-member on same continent is worth 2 points, and each non-member on a different continent is worth 4 points.

SPC Multipliers: Total of states, provinces, and countries on both modes.

Power Multiplier:

for SSB QSOs (PEP)

> 10 W = 1x

2 to 10 W = 7x

500 mW to 2 W = 10x

< 500 mW = 15x

for CW QSOs

> 5 W = 1x

1 to 5 W = 7x

250 mW to 1 W = 10x

< 250 mW = 15x

Use the smaller multiplier for all contacts if you operate mixed mode.

Final Score

QSO Points X Total SPC Multipliers X Power Multiplier

Use the High Claimed Score Form at

<http://personal.palouse.net/rfoltz/arci/form.htm> to send me your summary, then send me a copy of your longs. Check the High Claimed Scores at <http://personal.palouse.net/rfoltz/arci/highclm.htm> which are updated each night at 9 PM PST for a week.

You can also send your info by regular mail to

Randy Foltz  
809 Leith St.  
Moscow, ID 83843

See you on 160.

-----  
Date: Tue, 2 Dec 2003 20:21:24 -0500  
From: "Alan Fryer" <N3BJ@hotmail.com>  
To: "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>  
Subject: [162226] For Trade: Hammarlund HQ-170 RX  
Message-ID: <0E62s25UE9chbN2tEwL000013c4@hotmail.com>  
MIME-Version: 1.0  
Content-Type: text/plain;  
charset="iso-8859-1"  
Content-Transfer-Encoding: 7bit

Somehow, I ended up with an HQ-170 in a trade. It works FB, and is in very nice shape. It's a good CW and SSB RX and covers 160M and 6M. It has the

clock, and all functions work - no hum. The front panel and case are in very nice shape, no dents or dings and the S meter is not discolored. Believe this is a later model. Copy of manual included.

Possible trades include QRP rigs, tube type 6M AM rigs, antennas or what have you ?

Alan, N3BJ  
Bent Mountain, VA

-----  
Date: Tue, 2 Dec 2003 20:39:38 -0500  
From: "Ralph Irons" <n7ri@earthlink.net>  
To: <qrp-l@lehigh.edu>  
Cc: <ae4ic@infionline.net>  
Subject: [162227] Holiday Milliwatt CW Contest 2003  
Message-ID: <CHEGLAJDPKLFHIHBBEAHIEFICKAA.n7ri@earthlink.net>  
MIME-Version: 1.0  
Content-Type: text/plain;  
                charset="iso-8859-1"  
Content-Transfer-Encoding: 7bit

End the year with a whimper, not a bang -- Celebrate the holidays with a whisper instead of a shout. Grab your attenuator and head for the Holiday Milliwatt CW Contest, a crazy little contest where your points go up as your power goes down, where Jack, Joanne and Jim can triple your points, and where Clubs are always trump. See the rules below:

\*\*\*\*\*

CONTEST: Holiday Milliwatt CW contest - 2003.

DATES AND TIMES: Sunday, Dec. 28, 2003, 1800Z to 0200Z; Monday Dec. 29, 1800Z to 0200Z; and, Tuesday, Dec. 30, 1800Z to 0200Z.

Contestants may submit a log for only 2 days of the 3 day contest.

FREQUENCIES: 160M, 80M, 40M, 20M, 15M, 10M, near standard QRP calling frequencies.

EXCHANGE: Exchange RST, SPC, First Name, PWR. (Club)  
Suggest using W as decimal point when reporting power. I.e., 1W5 = 1.5W, W5 = 500mW, W25 = 250mW, W02 = 20mW.

SCORING: QSO points are awarded to contestants according to their power output. Power may be changed from QSO to QSO and must be noted in the log.

1001mW and over	1	Point
501mW to 1000mW	2	Points
251mW to 500mW	4	Points
101mW to 250mW	8	Points
51mW to 100mW	16	Points
26mW to 50mW	32	Points
11mW to 25mW	64	Points
1mW to 10mW	128	Points
<1mW	500	Points

NOTE: No schedules or prearranged contacts between stations are permitted.

BONUS MULTIPLIER: Number of identical first letters of first names worked. I.e., worked Jim, John, Jennie, Joe, Jack, = 5 multiplier.

Note: one name only counts once - if you work 10 Jacks, that's still just one multiplier. Only one bonus letter counts.

CLUB BONUS: Anyone who works a club station (Clubs add "Club" to the exchange) which is running the specified power levels listed below collects bonus points as follows:

(Clubs will not raise or lower power to accommodate a single QSO.)

900mW	1,000	points
500mW	2,000	points
250mW	3,000	points
100mW	4,000	points
50mW	5,000	points

Calculate score for each days activity:

$(\text{QSO Points}) \times (\text{Total SPC Multipliers all bands}) \times (\text{Bonus Multiplier}) + (\text{Club Bonus total}) = \text{Daily Score.}$

Add the two best daily scores to find Total Score.

PRIZES: The top five scores will receive Certificates from the Knightlites QRP association.

LOGS: Submit logs before Feb 1st, 2004. Winners will be announced on QRP-L and KLQRP. Send email entries to: [n7ri@earthlink.net](mailto:n7ri@earthlink.net). Paper logs:

Ralph Irons, N7RI  
1119 Avon St.  
Charlottesville, VA 22902



-----  
Date: Tue, 2 Dec 2003 19:43:05 -0600  
From: "Jay Henson" <aj4ay@worldnet.att.net>  
To: "qrp-1" <qrp-1@lehigh.edu>  
Subject: [162228] Truffle Spot  
Message-ID: <001101c3b93e\$cd10d850\$fab14a0c@aj4ay>  
MIME-Version: 1.0  
Content-Type: text/plain;  
                charset="iso-8859-1"  
Content-Transfer-Encoding: 7bit

All,

Lloyd is running 579 here in AL this evening at 7.0432 and listening up 1k.  
Some SSB QRM but not too bad.

Good luck!

Jay

AJ4AY

Mobile, AL

QRPL 1372, ARCI 8131, FISTS 7917, FP -115, SOC 220

---  
Outgoing mail is certified Virus Free.  
Checked by AVG anti-virus system (<http://www.grisoft.com>).  
Version: 6.0.545 / Virus Database: 339 - Release Date: 11/27/2003

-----  
Date: Tue, 2 Dec 2003 19:56:04 -0800  
From: "Michael Melland, W9WIS" <w9wis@charter.net>  
To: <kj7un@kj7un.com>,  
      "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>  
Subject: [162229] Re: Project ELF and stuff...  
Message-ID: <002f01c3b951\$5f907ca0\$0300a8c0@e5o8v5>  
MIME-Version: 1.0  
Content-Type: text/plain;  
                charset="iso-8859-1"  
Content-Transfer-Encoding: 7bit

Actually called originally Project Sanguine (experimental 1968) or later  
Seafarer and then when operational (1989) Project ELF... it consists of two  
transmitter sites.... deep in the Chequamegon National Forest one at Clam  
Lake, WI and one at Republic, MI in the UP. It is the only method for  
contacting deep running Trident Subs while fully submerged for launch codes

and instructions..... one way comms incidently. Originally their antenna grid was to be 6 feet under ground over much of Northern WI and MI but today each site has a large grid above ground via power poles like a huge 14 mile X through the wilderness areas (MI has a third leg 28 miles long). It can broadcast on freqs between 30 Hz to 300 Hz. It's actual frequency of operation is typically 76 Hz. A 165-mile underground cable connects the two sites. Due to its low frequency, the antenna systems is huge: a directly-generated electromagnetic wave at 76 Hz has a wavelength of 2,452 miles. It's power output is classified but is reported to be in the millions (5-8 mega watts is often mentioned).

Good article here: [www.olderadio.com/archives/jurassic/ELF.doc](http://www.olderadio.com/archives/jurassic/ELF.doc)

What else do you want to know ?..... still there near Clam Lake, WI off County Highway GG.... operational (since 1989) working since 1968.... still highly classified...still arrests of demonstrators on "special occasions" and people trying to sabotage the antenna system by cutting down remote poles. Interestingly they do give tours to all but a few areas.

I lived and worked near it (Bayfield County) most of my life prior to 1995 and had/have lots of friends that work/worked there. Although some of the "civilian" workers I've met do not have names except nicknames and have identification that lists an address in the middle of Lake Superior <grin>.... they have been good neighbors.

BTW several of the GE / Sylvania engineers assigned there were hams and that was my early actual exposure to amateur radio. The State of Wisconsin introduced an Elk herd on the wilderness area next to the ELF site and they are thriving.... although some people are sensitive to the low freq hum ("Taos Hum") some claim to hear. Although I have operated QRP in the field at a site about 3 miles from the transmitter I have never heard interference.

Mike, W9WIS

-----  
Date: Tue, 2 Dec 2003 21:01:13 -0500  
From: "Mike Yetsko" <myetsko@insydesw.com>  
To: <dtx@wood.tzo.com>,  
"Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>  
Subject: [162230] Re: "ET phone home" ?  
Message-ID: <024001c3b942\$295c49c0\$0200a8c0@charter.net>  
MIME-Version: 1.0  
Content-Type: text/plain;

charset="iso-8859-1"  
Content-Transfer-Encoding: 7bit

> ELF as in 300 to 3000 Hz? Even so, to my knowledge the ears do not hear  
> electromagnetic radiation no matter how low the frequency. Perhaps  
being in  
> the "near field" of a 200KW transmitter feeding an antenna at 3kHz might  
> cause physiological effects, i.e. a throbbing sensation in the head ;-)

You can get non-linear conduction points in teeth where fillings touch,  
and I suppose that could pick up strong RF signals by direct  
rectification.  
And it would be 'bone conductance' right to the inner ear...

-----  
Date: Tue, 2 Dec 2003 19:23:59 -0700  
From: "Dick Housden, W0NTA" <housden@comcast.net>  
To: <qrp-1@lehigh.edu>  
Subject: [162231] For Sale: NorCal 40A Transceiver  
Message-ID: <001601c3b944\$82bdd720\$0bc40918@yourtarbvp550m>  
MIME-Version: 1.0  
Content-Type: text/plain;  
charset="Windows-1252"  
Content-Transfer-Encoding: 7bit

Good evening,

I have, for sale, a beautiful NorCal 40A transceiver that is in like new  
condition both cosmetically and electronically. This is the Wilderness Radio  
version. It has the KC1 keyer and frequency counter CW readout unit  
installed. Also, it has a ten turn pot installed for smoother tuning. All  
functions works very well. No other modifications have been made to the  
radio. It has been used very little as I don't have much of a 40 meter  
antenna. I have provided several clear images to give you a good look at  
this radio at:

<http://home.comcast.net/~housden/NorCal40A.htm>

It comes with the original assembly and operating manual. Please email with  
any questions. I try to answer all emails in a very short period of time.

Price \$140.00 Shipped (Continental US. Others, email for cost.)

72, Dick, W0NTA

Greeley, CO

-----  
Date: Tue, 2 Dec 2003 21:31:26 -0500  
From: "Fred \ (VE3FAL\)" <flesnick@tbaytel.net>  
To: "Low Power Amateur Radio Discussion" <qrp-1@lehigh.edu>,  
<qrp-canada@gpfn.sk.ca>  
Subject: [162232] No fox heard in Thunder Bay  
Message-ID: <017d01c3b945\$90b8fbb0\$3104d3d8@flesnick>  
MIME-Version: 1.0  
Content-Type: text/plain;  
charset="us-ascii"  
Content-Transfer-Encoding: 7bit

Quiet on the fox front, hear hounds around 7.036 calling ??????  
And heard a pileup near 7.042 but packet was too loud..  
I should be hearing Tom in NY like gang busters, but nothing yet..Any  
idea where these pesky devils are???

Fred  
VE3FAL

-----  
Date: Wed, 03 Dec 2003 02:38:55 +0000  
From: Chuck Adams <k7qo@commspeed.net>  
To: qrp-1@lehigh.edu  
Subject: [162233] [Elmer160] C compilers  
Message-ID: <5.2.1.1.0.20031203023652.01ceb828@mail.commspeed.net>  
Mime-Version: 1.0  
Content-Type: text/plain; charset="us-ascii"; format=flowed

If you just have got to have a high-level language, there is another  
choice on the C compiler.

<http://www.ccsinfo.com/>

for their C compiler. \$125 for a working version. There is a 30 day  
free trial version, but it will not work for any of the processors mentioned  
such as the 16F84A, 16F676, etc.

FYI

Chuck Adams K7QO k7qo@commspeed.net  
http://www.qsl.net/k7qo CP-60

Moving to Arizona? Please bring your own water.

-----  
Date: Tue, 2 Dec 2003 21:42:52 -0500 (Eastern Standard Time)  
From: "Mike WA8BXN" <hubby2k@hotmail.com>  
To: <flesnick@tbaytel.net>, <qrp-1@Lehigh.EDU>  
Subject: [162234] Re: No fox heard in Thunder Bay  
Message-ID: <3FCD4DAC.000020.03692@compaq1500>  
MIME-Version: 1.0  
Content-Type: Text/Plain  
Content-Transfer-Encoding: quoted-printable

=0D  
I heard Karl K5DI on 7035, have not heard Tom yet. Karl is rather weak h=  
ere  
Good luck! =0D  
=0D  
Can someone give a spot on Tom? =0D  
=0D  
73/72 - Mike WA8BXN

-----  
Date: Tue, 2 Dec 2003 21:47:04 -0500  
From: "Tom Palmer" <n1tp@swfla.rr.com>  
To: <qrp-1@Lehigh.EDU>  
Subject: [162235] FOX: THREE-FER Tonite  
Message-ID: <000501c3b947\$be728a60\$4f3b0843@swfla.rr.com>  
MIME-Version: 1.0  
Content-Type: text/plain;  
charset="Windows-1252"  
Content-Transfer-Encoding: 7bit

Bagged Lloyd, the Truffle, K3ESE, early; then Tom (KV2X in NY) on 7.042 at 0230 and then Karl (K5DI in NM) at 7.035 at 0237. Much white noise and some QRO QRM near Karl, but the combination of my narrow filters and noise blankers and Karl's excellent ears resulted in a fine pelt bagged when many other hounds were calling. As usual, Tom was very strong here in SW Florida and he was his usual sitting duck-self. (Twice I've been Tom's NUMERO UNO).

Good Luck to all Hounds. I predict big numbers this evening - pelt wise.

Tom, N1TP  
Naples

-----  
Date: Tue, 2 Dec 2003 21:46:33 -0500  
From: <k5oi@cox.net>  
To: flesnick@tbaytel.net,  
"Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>  
Subject: [162236] Re: No fox heard in Thunder Bay  
Message-ID: <20031203024710.TNN27510.fed1mtao02.cox.net@smtp.west.cox.net>  
MIME-Version: 1.0  
Content-Type: text/plain; charset=ISO-8859-1  
Content-Transfer-Encoding: 7bit

Fred: Heard and worked Tom on 7.042 up 1 and same for Karl on or about 7.036.  
First double foxes this season I think. Lots of noise and qrm. Both foxes were not moving my K2 s-meter.

Tim K5OI  
Stillwater, OK

>  
> From: "Fred (VE3FAL)" <flesnick@tbaytel.net>  
> Date: 2003/12/02 Tue PM 09:31:26 EST  
> To: "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>  
> Subject: No fox heard in Thunder Bay  
>  
> Quiet on the fox front, hear hounds around 7.036 calling ??????  
> And heard a pileup near 7.042 but packet was too loud..  
> I should be hearing Tom in NY like gang busters, but nothing yet..Any  
> idea where these pesky devils are???  
>  
> Fred  
> VE3FAL  
>  
>  
>

-----  
Date: Tue, 02 Dec 2003 21:48:57 -0500

From: Al Scanandoah <k2zn@rochester.rr.com>  
To: qrp-1 <qrp-1@lehigh.edu>  
Subject: [162237] Dos Zorros  
Message-ID: <3FCD4F19.2020400@rochester.rr.com>  
MIME-Version: 1.0  
Content-Type: text/plain; charset=us-ascii; format=flowed  
Content-Transfer-Encoding: 7bit

Got my fox hunting done early this evening. Worked KV2X on ground wave with the HF6V and bagged K5DI a little later with the inverted vee. The band is pretty noisy here in WNY, but there are plenty of hounds to be heard.

72 - Al, K2ZN

-----  
Date: Tue, 2 Dec 2003 20:54:10 -0600  
From: Bud Rogers <budr@netride.net>  
To: "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>  
Subject: [162238] Re: "ET phone home" ?  
Message-ID: <200312022054.10851.budr@netride.net>  
MIME-Version: 1.0  
Content-Type: text/plain;  
charset="iso-8859-1"  
Content-Transfer-Encoding: 7bit  
Content-Disposition: inline

On Tuesday 02 December 2003 20:01, Mike Yetsko wrote:  
> You can get non-linear conduction points in teeth where fillings  
> touch, and I suppose that could pick up strong RF signals by direct  
> rectification.  
> And it would be 'bone conductance' right to the inner ear...

I read something a few years ago about a VOA security guard who sought psychiatric help after he started hearing phantom voices while on watch. Turned out to be corroded grounds on the chain link fences around the transmitter site, rectifying RF from VOA's big HF transmitters. I don't know if it actually happened or not, but it makes a pretty good story...

--  
Bud Rogers <budr@netride.net> KD5SZ

Date: Tue, 2 Dec 2003 20:57:25 -0600  
From: "Sam Binkley" <sbinkley1@cox.net>  
To: <hubby2k@hotmail.com>,  
"Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>  
Subject: [162239] Re: No fox heard in Thunder Bay  
Message-ID: <044f01c3b949\$2e3e4590\$a67fe344@DHT81T11>  
MIME-Version: 1.0  
Content-Type: text/plain;  
charset="iso-8859-1"  
Content-Transfer-Encoding: 7bit

He's on 7042

72,  
Sam, KL7V/5

----- Original Message -----  
From: "Mike WA8BXN" <hubby2k@hotmail.com>  
To: "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>  
Sent: Tuesday, December 02, 2003 8:42 PM  
Subject: Re: No fox heard in Thunder Bay

>  
> I heard Karl K5DI on 7035, have not heard Tom yet. Karl is rather weak  
here  
> Good luck!  
>  
> Can someone give a spot on Tom?  
>  
> 73/72 - Mike WA8BXN  
>

-----  
Date: Tue, 2 Dec 2003 22:02:19 -0500  
From: "Jeff Davis" <ke9v@comcast.net>  
To: <qrp-1@lehigh.edu>  
Subject: [162240] FS: CT-62  
Message-ID: <011701c3b949\$de1dec40\$9800a8c0@ke9v>  
MIME-Version: 1.0  
Content-Type: text/plain;  
charset="iso-8859-1"  
Content-Transfer-Encoding: 7bit

Anyone need a Yaesu CAT interface cable (CT-62) for their FT-817?



\$20 shipped. PayPal ok. Send me a note direct.

--

73, Jeff

-----  
Date: Tue, 2 Dec 2003 22:05:37 -0500  
From: <k5oi@cox.net>  
To: "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>  
Subject: [162241] Re: NY FOX  
Message-ID: <20031203030549.KM0Z9968.fed1mtao05.cox.net@smtp.west.cox.net>  
MIME-Version: 1.0  
Content-Type: text/plain; charset=ISO-8859-1  
Content-Transfer-Encoding: 7bit

Can't hear Karl, K5DI, anymore due to QRN. Tom is still on 7.04214 and has been calling CQ to no avail. He's listing up 1 KHZ or so. Go get him!

Tim K5OI

-----  
Date: Tue, 2 Dec 2003 22:14:42 -0500 (Eastern Standard Time)  
From: "Mike WA8BXN" <hubby2k@hotmail.com>  
To: <qrp-1@Lehigh.EDU>  
Subject: [162242] new K5DI spot  
Message-ID: <3FCD5522.000025.03692@compaq1500>  
MIME-Version: 1.0  
Content-Type: Text/Plain  
Content-Transfer-Encoding: quoted-printable

=0D  
Karl has moved to 7036=20

-----  
Date: Tue, 2 Dec 2003 19:11:15 -0800  
From: Mark Schoonover <schoon@amgt.com>  
To: "'k7qo@commspeed.net'" <k7qo@commspeed.net>,  
Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>  
Subject: [162243] RE: [Elmer160] C compilers  
Message-ID: <BF889CEBEFD2D511B993009027F60ABEC0BEED@AG-JASMINE-NT4>  
MIME-Version: 1.0

Content-Type: text/plain;  
charset="iso-8859-1"

A better option is gcc - it's not just for \*nix, you can get djgcc - IIRC -  
to run under Windoze...

72

.mark

-----  
Date: Tue, 2 Dec 2003 21:31:19 -0600 (CST)  
From: Dale Botkin <dale@botkin.org>  
To: Mark Schoonover <schoon@amgt.com>  
Cc: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>  
Subject: [162244] RE: [Elmer160] C compilers  
Message-ID: <Pine.LNX.4.33.0312022123510.24208-1000000@madmax.botkin.org>  
MIME-Version: 1.0  
Content-Type: TEXT/PLAIN; charset=US-ASCII

On Tue, 2 Dec 2003, Mark Schoonover wrote:

> A better option is gcc - it's not just for \*nix, you can get djgcc -  
> IIRC - to run under Windoze...

But it won't compile code for PICs regardless of what OS you use.  
Period. Scott Dattalo has been hacking at a PIC port for SDCC, if you're  
adventurous. There are a few others. Hi-Tech makes their C compiler  
available with very limited device and code size support. There is also  
JAL, PICBASIC and probably another language or two I am forgetting.

At any rate, I highly recommend learning and getting reasonably good with  
assembly before jumping to C or BASIC compilers. You really need to  
understand the little critters' internal workings and instruction set if  
you're going to do non-trivial things with them, and do them reasonably  
well.

72,

Dale - NOXAS

Formerly the PICLIST mailing list admin 8-)

--

It's a thankless job, but I've got a lot of Karma to burn off.  
PicoKeyer Analog with pot speed control now available! Or add  
memory and more to your Rock-Mite -- <http://www.hamgadgets.com>

-----  
Date: Tue, 2 Dec 2003 22:35:40 -0500  
From: "Jeff Davis" <ke9v@comcast.net>  
To: <qrp-1@lehigh.edu>  
Subject: [162245] Fw: CT-62  
Message-ID: <015501c3b94e\$8634f0f0\$9800a8c0@ke9v>  
MIME-Version: 1.0  
Content-Type: text/plain;  
                charset="iso-8859-1"  
Content-Transfer-Encoding: 7bit

The CT-62 has been sold.

----- Original Message -----

From: "Jeff Davis" <ke9v@comcast.net>  
To: "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>  
Sent: Tuesday, December 02, 2003 10:02 PM  
Subject: FS: CT-62

Anyone need a Yaesu CAT interface cable (CT-62) for their FT-817?

\$20 shipped. PayPal ok. Send me a note direct.

--

73, Jeff

-----  
Date: Tue, 2 Dec 2003 22:45:53 -0500  
From: "Hare,Ed, W1RFI" <w1rfi@arrl.org>  
To: "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>  
Subject: [162246] RE: [Elecraft] Orion added to Elecraft rig RX comparison page  
Message-ID: <721D3436A7C2B344A301FD4A413C71A901735838@kosh.arrlhq.org>  
content-class: urn:content-classes:message  
MIME-Version: 1.0  
Content-Type: text/plain;  
                charset="iso-8859-1"  
Content-Transfer-Encoding: quoted-printable

> After construction BY THE PURCHASER, the PURCHASER DOES HIS OWN  
> ALIGNMENT to the MANUAL SPECS. The unit is then tested by a totally  
> separate group. No attempt at tweaking is made.

Actually, in the case of kits, this is not necessarily so. The review is intended to review the equipment, not the ham that built it. Before testing a kit, the ARRL Lab staff will ensure that it has been aligned correctly. If not, we would go through the procedures and then give the Product Review editor a heads up about whether the language in the procedures was clear or whether we had a particularly inept kit builder. If the former, the Review will discuss it; if the latter, mum's the word, because those sorts of issues really can muddy the waters without good justification.

In all cases, it is a judgement call on the part of the ARRL staff and the determining factor is whether we believe that the choices made in the review are the ones that best represent the performance and usefulness of the equipment.

Those that want to learn a bit more about ARRL's Product Review process can go to:

<http://www.arrl.org/tis/info/rigbuy.html>

73,  
Ed Hare, W1RFI  
ARRL Lab  
225 Main St  
Newington, CT 06111  
Tel: 860-594-0318  
Internet: [w1rfi@arrl.org](mailto:w1rfi@arrl.org)  
Web: <http://www.arrl.org/tis>

> -----Original Message-----  
> From: Bruce Muscolino [<mailto:w6toy@erols.com>]  
> Sent: Tuesday, December 02, 2003 8:00 PM  
> To: Low Power Amateur Radio Discussion  
> Subject: Re: [Elecraft] Orion added to Elecraft rig RX comparison page  
>  
>  
> Mike,  
>  
> > But also remember with a 'factory' product, it's 'test as is'. But with a  
> > kit, it will be 'align to max' during the build process and  
> > then test...

>=20

>=20

> Not exactly. The kits are also bought by League staffers and no  
> indication is given that the unit is intended for Product Review. The  
> purchase is not made on official League letterhead nor paid for with a  
> League check. Presumably the vendor, if the purchase is made directly  
> from the factory, is large enough that the possibility exists that the  
> League employee is not known.

>=20

> After construction BY THE PURCHASER, the PURCHASER DOES HIS OWN  
> ALIGNMENT to the MANUAL SPECS. The unit is then tested by a totally  
> separate group. No attempt at tweaking is made.

>=20

> The review process is intended to simulate "Joe Average" buying a  
> piece of equipment for his own use. It is reviewed in use by the  
> purchaser and may also be reviewed by others on the staff for=20  
> different  
> views or modes of operation.

>=20

> The purpose of the review is to establish, by an independent,=20  
> certified,  
> test lab how well the unit meets its published specifications. Any  
> attempt at tweaking would negate this. =20

>=20

> Sure there are variations in production line units, but the=20  
> manufacturer  
> publishes his standards in brochures and catalogs. The review only  
> wants to certify that his production units AT LEAST meet=20  
> those numbers!=20  
> If the unit exceeds its specification then so be it, the results are  
> published just as they would be if the unit failed.

>=20

> No attempt is ever made to "cherry pick"=20

>=20

> Bruce

>=20

>=20

-----

Date: Tue, 2 Dec 2003 21:46:47 -0600

From: "Joe Martin" <km5cw@wt.net>

To: "QRP" <qrp-1@Lehigh.EDU>

Subject: [162247] How are the Key Kits coming

Message-ID: <038101c3b950\$14d017d0\$5f4cd6d0@JoesHome1>

MIME-Version: 1.0

Content-Type: text/plain;

charset="Windows-1252"

Content-Transfer-Encoding: 7bit

Just wondering if there's any word on who got the first 100 brass keys?  
sure has been quiet tonight.

73 de KM5CW Joe

-----| Virus Scanned by Symantec |-----

-----  
Date: Tue, 2 Dec 2003 22:53:50 -0500  
From: "Armin Hachmer" <armin@muskoka.com>  
To: "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>,  
<dtx@wood.tzo.com>  
Cc: "Georg Nicola" <gnicola@strato.net>  
Subject: [162248] Re: "ET phone home" ?  
Message-ID: <00dd01c3b951\$112f2de0\$746c7bd8@muskoka.com>  
MIME-Version: 1.0  
Content-Type: text/plain;  
charset="iso-8859-1"  
Content-Transfer-Encoding: 7bit

Thanks to all who answered my question direct to me and also to the list.  
Amazing...Google brings up a load of stuff too for 'extremely low frequency'  
but i really enjoyed the first hand reports from list members.  
Tomorrow i will review some more stuff Google has found for me.  
Armin VE3TEQ

----- Original Message -----

From: "DTX" <dtx@wood.tzo.com>  
To: "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>  
Sent: Tuesday, December 02, 2003 6:42 PM  
Subject: Re: "ET phone home" ?

> ELF as in 300 to 3000 Hz? Even so, to my knowledge the ears do not hear  
> electromagnetic radiation no matter how low the frequency. Perhaps being  
in  
> the "near field" of a 200KW transmitter feeding an antenna at 3kHz might  
> cause physiological effects, i.e. a throbbing sensation in the head ;-)  
>  
> I did not see that show, but a few nights ago I did see a History Channel  
> program that described the Looking Glass airborne SAC command center.  
They  
> fed 200KW to a trailing antenna 5 MILES long. Said they flew in a tight  
> circle so the antenna would droop to the vertical as much as possible.  
> Hmmm, not sure I'd want to do that<G>. It's purpose was to send launch

> codes to submerged submarines.  
>  
> Gary WA6DTX  
> ----- Original Message -----  
> From: "Armin Hachmer" <armin@muskoka.com>  
> To: "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>  
> Sent: Tuesday, December 02, 2003 12:23 PM  
> Subject: "ET phone home" ?  
>  
>  
> > chatter at the coffee shop this morning was all about a TV program last  
> > night on Unsolved Mysteries.  
> >  
> > ELF ..extremely low frequency used by the military to communicate over  
> > great distances ( i am quoting this, did not see it myself) is audible  
to  
> > some human ears.  
> >  
> > hm... it is supposed to sound like a  
> > big diesel truck laboring up a distant hill.  
> >  
> > Has anyone seen the program and can tell me more?  
> >  
> > Curious Armin VE3TEQ  
> >  
> >  
>  
>

-----

Date: Tue, 2 Dec 2003 22:53:38 -0500  
From: "Hare,Ed, W1RFI" <w1rfi@arrl.org>  
To: "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>  
Subject: [162249] RE: [Elecraft] Orion added to Elecraft rig RX comparison page  
Message-ID: <721D3436A7C2B344A301FD4A413C71A901735839@kosh.arrlhq.org>  
content-class: urn:content-classes:message  
MIME-Version: 1.0  
Content-Type: text/plain;  
charset="iso-8859-1"  
Content-Transfer-Encoding: quoted-printable

>> If a unit receives a bad review it receives a bad review. =20  
> Manufacturers may repair the test unit, but the review is published as =  
it was tested  
> before any repair is attempted. If the equipment warrants it=20  
> it may be reviewed again, with separate results published.

I can't speak much about how things were handled in the Bruce Williams =  
era, but in recent years,=20  
defects are treated a bit differently than performance issues. The =  
driving force is to end up with  
a review that accurately represents the capability of the equipment. If =  
a unit is deemed by the Lab  
staff to be broken, we get it repaired before we test it. After all, if =  
it came completely DOA, we would  
have no choice, unless the review were to simply say that it had no RF =  
output and the receiver was  
completely deaf. :-)

In the case of a defective unit, the review would say that it was =  
received broken and repaired, and the  
test results from a working unit would be put into the review.

Design defects are handled a bit differently. In some cases, a =  
manufacturer sees the rather dismal test  
results and makes a design change. Generally, the review table would =  
feature test data from the=20  
original unit, with the running text describing the design changes, our =  
test results of same and a  
statement about the manufacturer's policy about existing stock.

Some of these issues are a bit tricky, but if the situation is =  
approached with the reader in mind,  
the "right" thing is usually apparent. What will best tell a reader =  
what he or she can expect from  
purchasing the particular radio after reading the review? That is =  
exactly what impression a properly  
written review should convey and, to the best of the HQ staff's ability, =  
that is what the publishing  
goal is.

73,=20  
Ed Hare, W1RFI  
ARRL Lab  
225 Main St  
Newington, CT 06111  
Tel: 860-594-0318  
Internet: w1rfi@arrl.org  
Web: <http://www.arrl.org/tis>

> -----Original Message-----  
> From: Bruce Muscolino [mailto:w6toy@erols.com]



> Sent: Tuesday, December 02, 2003 7:30 PM  
> To: Low Power Amateur Radio Discussion  
> Subject: Re: [Elecraft] Orion added to Elecraft rig RX comparison page  
>=20  
>=20  
> Doug, (and the group where applicable),  
> >  
> > Eric, I am addressing this to you via the list as I have=20  
> always wondered  
> > about the ARRL testing procedure. How are the rigs=20  
> selected? Does the  
> > manufacturer send a sample to them? Do they pick one at=20  
> random from a  
> > dealer? It would seem to be easy to get an Orion from=20  
> Tentec having a  
> > "blind" person buy it and then give it to the ARRL, just as=20  
> it would be to  
> > have someone order a K2 and then build it and send to the=20  
> ARRL for testing.  
> >  
> Such a cynical view of the testing policies and procedures used by the  
> organization that has shown itself above question for nearly=20  
> a century.=20  
> The league has published its review policies since about 1975 when a  
> noted QRP'er who worked for the ARRL at the time wrote a QST article  
> explaining the policy. That was Bruce Williams, WA6IVC, SK, who was  
> Product Review Editor back then.  
>=20  
> To avoid questions of honesty the League adopted the policy of NOT  
> accepting equipment sent in for review. All review equipment=20  
> is bought  
> by League employees from established ham equipment dealers. Retail  
> price is paid for the equipment, and the dealer may or may=20  
> not recognize  
> the buyer as a League employee. The purchaser then reviews the  
> equipment for QST. =20  
>=20  
> After the review has been published the equipment is sold to=20  
> anybody via  
> a sealed bid process. The use of the sealed bid process=20  
> means even the  
> purchaser or builder has to win the competition to get the rig!  
>=20  
> If the item in question is a kit, the purchaser builds the item  
> himself. They may use league lab facilities to build and test the  
> unit, but the use of lab space is strictly not on working time.  
>=20  
> All product review tests are then performed on the unit by League

> staffers who generally have not been associated with the purchase or  
> build of the unit. Product review numbers are the numbers that have  
> been obtained during these tests. =20  
>=20  
> If a unit receives a bad review it receives a bad review. =20  
> Manufacturers  
> may repair the test unit, but the review is published as it was tested  
> before any repair is attempted. If the equipment warrants it=20  
> it may be  
> reviewed again, with separate results published.  
>=20  
> In actual practice the unit that kicked off Bruce's article was an MFJ  
> product. After publication MFJ apparently went through the=20  
> roof asking  
> why they weren't given a chance to repair the unit before the=20  
> review was  
> published. The response was something to the effect that we don't do  
> that. I understand it almost cost QST the advertisements!  
>=20  
> The League is honest. It is above reproach in this area. There have  
> been many articles published about their review procedures, usually by  
> the new Product Review Editor. Doug, you should know the=20  
> process, they  
> have reviewed several pieces of NORCAL equipment!  
>=20  
> Bruce  
>=20  
>=20

-----

Date: Tue, 2 Dec 2003 21:41:22 -0600  
From: "Jerry Ford" <benlightnd13@mchsi.com>  
To: "qrp-l" <qrp-l@lehigh.edu>, "FPigs" <fpqrp-l@mpna.com>  
Subject: [162250] Clean Sweep and more  
Message-ID: <001001c3b94f\$52202860\$4a78da0c@mchsi.com>

Well, the Truffle and both Foxii are hanging up in MO this week.

Much better results but no help from the bands. Tom was good early  
on and died out after about 40 minutes. Karl was up and down  
early and disappeared after about an hour.

My buddy LL wasn't even his normal loud self here this evening.

But all 3 were had with a bit of luck !!

Now that the foxii are gone in hiding, are there any you ole piggies

left around to chat with??

The band is real noisy since I have yet another wx front moving in over my head but I'll be hanging out on 7.044 for awhile anyway.

Where did all dem piggies go??

It's now 0408z and I'll be listening and calling for about an hour.

72 es oo Jerry NOJRN  
FP # 546, 4SQRP, ARS # 923, ARCI # 11049, ARRL,  
Springfield, Mo. MP + #8  
<http://home.mchsi.com/~n0jrn>

-----  
Date: Tue, 2 Dec 2003 21:15:33 -0700 (MST)  
From: Karl Larsen <k5di@zianet.com>  
To: qrp-l@lehigh.edu  
Subject: [162251] FOX: The results of the low Fox  
Message-ID: <Pine.LNX.4.44.0312022105080.4711-100000@bucket.dog>  
MIME-Version: 1.0  
Content-Type: TEXT/PLAIN; charset=US-ASCII

I should have known something was going to happen: I called CQ at 0200 and no Hounds. Called a couple more times and they started coming, Things were swinging good until about 0330 when the band went South. I was like digging clams to make a contact after 0330. I did work a few hardy Hounds but it was nip and tuck. Huge QSB! I would hear a Hound give his call and he was about 559. I would send my numbers and bk and he would be 229. Just copy his numbers.

I dropped my code speed to 13 WPM and that helped a little. And it ended at 0347 with w9hl who was a good 339 and I got his numbers fine. Nothing after that.

If I missed you it was because I did and I'm sorry. I would have worked faster at the begining if I knew the band was folding. But it was FUN!

--

- Karl Larsen k5di Las Cruces,NM Az ScQRPions -



Vy 73 es Happy Christmas.  
Pete NV4V Ky

At 03:43 PM 12/1/2003, Karl Larsen wrote:

> Hi gang, tomorrow evening I K5DI will be the Fox to Hunt on a  
> frequency lower than 7.040 MHz. I live in Las Cruces, NM and will be  
> running a full qrp gallon from a Yaesu FT-817 and the antenna is a 1/4  
> wavelength vertical on the roof with 4 tuned radials. Most of you will  
> be aiming your 40 meter beams South.

-----  
Date: Tue, 02 Dec 2003 23:25:02 -0500  
From: "Tim Kass" <timkass@hotmail.com>  
To: km5cw@wt.net, qrp-1@Lehigh.EDU  
Subject: [162254] RE: How are the Key Kits coming  
Message-ID: <BAY2-F106A0W51Eu8Zm000045dd@hotmail.com>  
Mime-Version: 1.0  
Content-Type: text/plain; format=flowed

Im anxiously waiting myself....the pressure is killing me....73 Tim

>From: "Joe Martin" <km5cw@wt.net>  
>Reply-To: km5cw@wt.net  
>To: "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>  
>Subject: How are the Key Kits coming  
>Date: Tue, 2 Dec 2003 21:46:47 -0600  
>  
>Just wondering if there's any word on who got the first 100 brass keys?  
>sure has been quiet tonight.  
>73 de KM5CW Joe  
>  
> -----| Virus Scanned by Symantec |-----  
>

-----  
Take advantage of our best MSN Dial-up offer of the year six months  
@\$9.95/month. Sign up now! <http://join.msn.com/?page=dept/dialup>

-----  
Date: Wed, 03 Dec 2003 00:01:38 -0500

From: Peter Burbank <peterlee@qx.net>  
To: khyberpass65@yahoo.com,  
"Low Power Amateur Radio Discussion" <qrp-1@lehigh.edu>  
Subject: [162255] Re: "ET phone home" ?  
Message-ID: <5.2.0.9.0.20031202235824.00a332d0@mail.qx.net>  
Mime-Version: 1.0  
Content-Type: text/plain; charset="us-ascii"; format=flowed

I think RTTY in your head would drive you nuts but the CW was great.:-)   
73 Pete NV4V

At 07:44 PM 12/2/2003, Garie Halstead K8KFJ wrote:

>--- Peter Burbank <peterlee@qx.net> wrote:  
>  
> > Armin es gangue.  
> > I was reading some stuff about Navy Sub communications a few days ago  
> > and a  
> > mention was  
> > made about an ELF antenna in Wisconsin. The legs were 14 miles long  
> > and  
> > beryllium handling  
> > gobs of power. The reason for the frequency is that it penetrates  
> > saltwater  
> > for maybe 30 feet  
> > for submarine receiving.  
> > When I was in subs we experimented with many antennas to hear NSS and  
> > NAA  
> > full time.  
> > One was a trailing floating wire. We ran up the periscope and there  
> > were  
> > hundreds of seagulls  
> > chasing it. Hardly secret!  
> > I have read things about people being annoyed by signals being  
> > rectified by  
> > their tooth fillings.  
> > My 2 cents.....73 :-)  
> > Pete NV4V  
>  
>VLF Station NAA  
>Cutler, Me  
>17.8 KHz  
>2,000,000 watts  
>  
>I copied NAA on a VLF receiver from a Morse Intercept site in northern  
>Germany with no problem.  
>  
>72, Gary -K8KFJ-

>West Virginia  
>  
>-----  
>Do you Yahoo!?  
>Protect your identity with Yahoo! Mail AddressGuard  
><http://antispam.yahoo.com/whatsnewfree>

-----  
Date: Tue, 2 Dec 2003 22:06:35 -0700  
From: "Rod N0RC" <[rc7039-hr@yahoo.com](mailto:rc7039-hr@yahoo.com)>  
To: "qrp-1" <[qrp-1@Lehigh.EDU](mailto:qrp-1@Lehigh.EDU)>  
Subject: [162256] QRP ARCI Holiday Spirits Homebrew Sprint?  
Message-ID: <[01af01c3b95b\\$3ad0a2a0\\$6401a8c0@bigdog](mailto:01af01c3b95b$3ad0a2a0$6401a8c0@bigdog)>  
MIME-Version: 1.0  
Content-Type: text/plain;  
                charset="iso-8859-1"  
Content-Transfer-Encoding: 7bit

Gang,

I haven't seen any mention of this sprint:

<http://personal.palouse.net/rfoltz/arci/holispr.htm>

Hope it's a go, I have SUN off. I also have a partially used set of 6 Energizer e91 Lithium batteries. The set measures 9+ Volts no load, and allows my Small Wonder Labs DSW-II, 20m edition, to develop 2+ watts output. So if this test is a go, I plan on a 20m only effort at 1 Watt effort until time is up or the batteries die, which ever come first.

I do hope 20m is in good shape, I've been waiting a long time to give my DSW-II a proper workout.

If the 'test is a go and 20m is in good shape, 14061.5 is mine!  
:-)

73, Rod N0RC  
\*\*Happy Holidays\*\*

-----

Date: Tue, 2 Dec 2003 22:48:55 -0600  
From: "Jerry Ford" <benlightnd13@mchsi.com>  
To: "Elecrafft@mailman.qth.net" <elecrafft@mailman.qth.net>,  
    <Rock-Mite\_Group@yahooogroups.com>, "qrp-l" <qrp-l@lehigh.edu>,  
Subject: [162257] RUN FOR THE BACON  
Message-ID: <008401c3b958\$c200d180\$4a78da0c@mchsi.com>

Good evening folks.                      I trust everyone had a great time in  
the Spartan Sprint and in chasing those ever elusive Foxii tonight.

I know your all making plans for upcoming events with the family  
during the holidays so I wanted to get this note out early.     Please  
get us on your calendar and prepare for some fun.

I moved this months sprint up a week so we didn't run into holiday  
plans ( I hope )

Look for those Flying Pig members to be muddying things up in this  
months addition of the " RUN FOR THE BACON " spint sponcored by the  
Flying Pig QRP Club International.

This months sprint will be held on Dec 15th from 0100z to 0300z.  
Yes, thats Mondays date but using UTC, this is actually Sunday  
evening.  
<http://www.fpqrp.com/fpqrpun.html>

Join us for a great time.                      I hope to see you all there.

72 / 73                      Jerry                      N0JRN

FP # 546, 4SQRP, ARS # 923, ARCI # 11049, ARRL,  
Springfield, Mo. MP + #8  
<http://home.mchsi.com/~n0jrn>

-----  
Date: Tue, 02 Dec 2003 21:49:25 -0800  
From: Randy Foltz <rfoltz@turbonet.com>  
To: post\_qrp-l <qrp-l@lehigh.edu>  
Subject: [162258] QRP ARCI Holiday Spirits Sprint  
Message-ID: <3FCD7965.1070300@turbonet.com>  
MIME-Version: 1.0  
Content-Type: text/plain; charset=us-ascii; format=flowed  
Content-Transfer-Encoding: 7bit

This coming Sunday, December 7, is the QRP ARCI Holiday Spirits Sprint.



I doubt that there is a better diversion than this 4 hour operating event which runs from 2000 Z to 2400 Z.

Contest: QRP ARCI Holiday Spirits Sprint

Date: December 7, 2003. 2000 Z to 2400 Z.

Where to find the activity: Around the familiar QRP watering holes of 3.560, 7.040, 14.060, 21.060, and 28.060 MHz.

What to say: Give a signal report, your state (if in USA) or your province (if in Canada) or your country (if anywhere else), and finally your ARCI member number or your power if you are not a member.

Web link: <http://personal.palouse.net/rfoltz/arci/holispr.htm>

+++++

Here are the further details.

QSO Points: Each member is worth 5 points, each non-member on same continent is worth 2 points, and each non-member on a different continent is worth 4 points.

Multipliers: Total of states, provinces, and countries for ALL bands. These are called SPCs.

Power Multiplier:

< 55 mW = x20            <====NEW!!!  
55 to < 250 mW = x15  
250 mW to < 1 W = x10  
1 W to 5 W = x7  
> 5 W = x1

Bonus Points for homebuilt gear. If YOU built it, it is homebrew!

add 2,000 points per band for using HB transmitter  
add 3,000 points per band for using HB receiver  
add 5,000 points per band for using HB transceiver

Final Score:

QSO Points X Total SPCs X Power Mult + Bonus Points

Use the High Claimed Score Form at

<http://personal.palouse.net/rfoltz/arci/form.htm> to send me your summary, the send me a copy of your log to [rfoltz@turbonet.com](mailto:rfoltz@turbonet.com) Check the High Claimed Scores page at

<http://personal.palouse.net/rfoltz/arci/highclm.htm> each night after 9 PM Pacific Time to see how others have done.

You can also send your results and logs via regular mail to

Randy Foltz  
809 Leith St.  
Moscow, ID 83843

All entries need to be e-mailed or postmarked by Jan 7, 2004.

Give yourself a break from Christmas shopping and get on the air!

73,  
Randy, K7TQ  
Moscow, ID  
QRP ARCI Contest Chairman

-----  
Date: Wed, 03 Dec 2003 00:58:15 -0500  
From: Peter Burbank <peterlee@qx.net>  
To: qrp-l@lehigh.edu  
Subject: [162259] Fox hunt  
Message-ID: <5.2.0.9.0.20031203005418.00a34850@mail.qx.net>  
Mime-Version: 1.0  
Content-Type: text/plain; charset="us-ascii"; format=flowed

Who was the 200 mW signal?  
Think it may have been some cowboy :-)  
Pete NV4V

-----  
Date: Tue, 2 Dec 2003 22:08:56 -0800 (PST)  
From: Tom Severt <n2uhc@yahoo.com>  
To: Armin Hachmer <armin@muskoka.com>,  
Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>  
Subject: [162260] Re: "ET phone home" ?  
Message-ID: <20031203060856.75606.qmail@web9608.mail.yahoo.com>  
MIME-Version: 1.0  
Content-Type: text/plain; charset=us-ascii

--- Armin Hachmer <armin@muskoka.com> wrote:

.  
>  
> ELF ..extremely low frequency used by the military  
> to communicate over  
> great distances ( i am quoting this, did not see it  
> myself) is audible to  
> some human ears.

ELF may operate in the human audible frequency range,  
but it should not be audible to human ears. It is an  
electromagnetic signal, not an audible sound.

However, it may be possible that the electromagnetic  
signal may be causing some kind of reaction with human  
tissue causing people to think they are hearing the  
signal.

>From what I've read about the military's use of ELF,  
it is used to communicate with submerged submarines  
and is sent in VERY slow CW, taking several minutes to  
send one character.

=====

Tom Sevalt N2UHC  
<http://www.geocities.com/n2uhc>

-----  
Do you Yahoo!?  
Free Pop-Up Blocker - Get it now  
<http://companion.yahoo.com/>

-----  
Date: Tue, 2 Dec 2003 22:14:58 -0800 (PST)  
From: Tom Sevalt <n2uhc@yahoo.com>  
To: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>  
Subject: [162261] Re: OT: Electronics learning lab?  
Message-ID: <20031203061458.10542.qmail@web9601.mail.yahoo.com>  
MIME-Version: 1.0  
Content-Type: text/plain; charset=us-ascii

--- ARDUJENSKI@aol.com wrote:  
> This may not be highly technical enough for this  
> group but I would like to  
> locate a good electronics lab kit where you can

> build various circuits and  
> experiment with variables in the circuit.

I would suggest the plug-in breadboards available out there. These are the ones where you can insert component & wire leads into the different holes. They are available in many different places.

Another suggestion may be in the form of a Christmas gift I received back in my teenage years. It is one of the electronic labs kits from Radio Shack. I'm not sure what they offer today, but this kit is good for kids (and even adults) to experiment with electronic circuits. These kits come with all the components laid out on a board with the leads connected to springs in which you insert wires to wire up the circuit. It was always fun to play with and I learned a thing or two along the way. I still have it but haven't played with it for a long time.

=====

Tom Sevalt N2UHC  
<http://www.geocities.com/n2uhc>

-----  
Do you Yahoo!?  
Free Pop-Up Blocker - Get it now  
<http://companion.yahoo.com/>

-----  
Date: Tue, 02 Dec 2003 22:23:08 -0800  
From: "John Dooley W6ZIP" <portscom@hotmail.com>  
To: qrp-1@Lehigh.EDU  
Subject: [162262] [Elmer 160] Was: Re: Best source for PIC's ????????  
Message-ID: <Law9-F1227FMMtuzzJp00005deb@hotmail.com>  
Mime-Version: 1.0  
Content-Type: text/plain; format=flowed

Sorry for not following the list during all of the news on the new Elemer 160 PIC programming course offered through AMQRP.org and John McDonough, WB8RCR. Great going John, I'm hot into the reading material and will be following along as the course develops, and on through the New Year. Thanks to all for their responses on the source question as to where to get available PIC's. This list was, and is always a great group, willing to reply with their 2 cents worth (quantative, quality). Now it's my turn to

figure out how to make some decent change :)

John W6ZIP  
Victorville, Ca.

QRP-1 #2402  
ARS #712  
FISTS #9371  
FPQRP #645

-----  
Take advantage of our best MSN Dial-up offer of the year six months  
@\$9.95/month. Sign up now! <http://join.msn.com/?page=dept/dialup>

-----  
Date: Wed, 3 Dec 2003 00:11:13 -0700  
From: "Ron Pyle" <raple@gwtc.net>  
To: "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>  
Subject: [162263] Re: Selling a few things...  
Message-ID: <00d401c3b96c\$a29de850\$65aa40@yourjbuypagwhk>  
MIME-Version: 1.0  
Content-Type: text/plain;  
charset="iso-8859-1"  
Content-Transfer-Encoding: 7bit

To the people who responded to me about my stuff....  
I just got in....been a long day.....will have to go through the emails  
tomorrow....

Ron  
KC0QXU  
fp 682

-----  
Date: Tue, 2 Dec 2003 23:36:25 -0800 (PST)  
From: Jeff Furman <jfurman@ocs.net>  
To: qrp-1@lehigh.edu  
Subject: [162264] BPL article in Nov. 24 "Electronic Design"  
Message-ID: <Pine.LNX.4.21.0312022330080.22769-100000@ocs.net>  
MIME-Version: 1.0  
Content-Type: TEXT/PLAIN; charset=US-ASCII

A brief mention of our problems is in the current issue of

"Electronic Design," a trade magazine for engineers:

<http://www.elecdesign.com/Articles/Index.cfm?ArticleID=6850>

They also solicit readers' comments.

73, AD6MX, Jeff

-----  
Date: Wed, 3 Dec 2003 05:06:17 -0600  
From: "Jim Sheldon" <w0eb@cox.net>  
To: "QRP-L Mailing List" <qrp-l@Lehigh.EDU>  
Subject: [162265] RE: QRP ARCI Holiday Spirits Homebrew Sprint?  
Message-ID: <IBEGLCMLCDHHEFLBPHBOKEDCCPAA.w0eb@cox.net>  
MIME-Version: 1.0  
Content-Type: text/plain;  
                charset="iso-8859-1"  
Content-Transfer-Encoding: 7bit

14061.5 yours? Not if I beat you to it Rod - LOL - Same plans, same rig. I've got the Jackson Harbor Press DSWK chip in my DSW-II-20, and the RIT/XIT capability sure makes it nice. Ran it in the CQWW this past weekend, and racked up a few points with it even though 20 was pretty much Stateside only from Wichita. Had to fire up the FT-847 and get on 15 and 10 meters. Just submitted a check log and I only made 58 Q's, but it was fun. Did manage to work F2MA long path with the DSW-II earlier last week though. 6000+ miles/watt.

Jim - W0EB

-----Original Message-----

From: owner-qrp-l@Lehigh.EDU [mailto:owner-qrp-l@Lehigh.EDU] On Behalf Of Rod N0RC  
Sent: Tuesday, December 02, 2003 11:07 PM  
To: Low Power Amateur Radio Discussion  
Subject: QRP ARCI Holiday Spirits Homebrew Sprint?

If the 'test is a go and 20m is in good shape, 14061.5 is mine!  
:-)

73, Rod N0RC

**\*\*Happy Holidays\*\***

-----  
Date: Wed, 3 Dec 2003 05:47:49 -0800 (PST)  
From: Lloyd Lachow <llachow@yahoo.com>  
To: "Li'l Piggies" <fpqrp-1@mpna.com>  
Cc: a low-energy group <qrp-1@lehigh.edu>  
Subject: [162266] The Trouble with the Truffle with Tribbles...  
Message-ID: <20031203134749.65592.qmail@web41003.mail.yahoo.com>  
MIME-Version: 1.0  
Content-Type: text/plain; charset=us-ascii

...was that none of these, rarest of porcine  
delicacies, was snuffled up.

Very nice conditions for the first twenty minutes,  
then came a bit of slow QSB and SSB. Time to QBA, I  
guess.

Ordinary, non-Tribble Truffles went to:

N9NE  
W5YR  
AC5JH  
N9KW  
K5SR  
K5JHP  
KL7V  
K5IC  
N5ZE  
AJ4AY  
K6XR  
K5DI  
KK5LD  
K5OI  
WE9K  
W5TB  
N0JRN  
W0ANM  
K9DI  
N0EA  
N0TK  
K0UU  
K0EVZ  
K5QTY

AG0T  
W7ILW

Thanks to all. Now, for those of you with no FP# yet...if you snuffle up Truffles, you're a piggie! So head on down to [www.fpqrp.com](http://www.fpqrp.com) and get a FP# - might as well let the world know.

oo,

LL

=====

73, 72 es oo, Lloyd, K3ESE - Reisterstown, Maryland  
KX1#11 - multiPIG+14 - K1#379 - 20/40M RockMites  
EDZ - Longwahr - Begali Magnetic Classic Paddles  
ARRL - ARS - QRParci - QCWA - FISTS #8774  
FPQRP #476 - QRP-L - BORG #2  
Fun = Skill / Power ! 8^D

-----  
Do you Yahoo!?  
Free Pop-Up Blocker - Get it now  
<http://companion.yahoo.com/>

-----  
Date: Wed, 3 Dec 2003 09:04:37 -0500  
From: "AI2Q" <ai2q@adelphia.net>  
To: <jfurman@ocs.net>,  
"Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>  
Subject: [162267] RE: BPL article in Nov. 24 "Electronic Design"  
Message-ID: <000f01c3b9a6\$64998c00\$6401a8c0@hq.cmp.com>  
MIME-Version: 1.0  
Content-Type: text/plain;  
charset="iso-8859-1"  
Content-Transfer-Encoding: 7bit

Jeff:

When you consider how many hams are engineers and technicians (who read Electronic Design magazine----and who even work on its staff), those of us who are in the business should get on over to ED's Web site and add our comments. Every little bit of opposition helps.

Vy 73, AI2Q, Alex in Kennebunk, Maine QRP-L #687  
<http://users.adelphia.net/~alexmm/ai2q.htm>



.-.-.

-----Original Message-----

From: owner-qrp-1@Lehigh.EDU [mailto:owner-qrp-1@Lehigh.EDU] On Behalf Of Jeff Furman  
Sent: Wednesday, December 03, 2003 2:36 AM  
To: Low Power Amateur Radio Discussion  
Subject: BPL article in Nov. 24 "Electronic Design"

A brief mention of our problems is in the current issue of "Electronic Design," a trade magazine for engineers:

<http://www.elecdesign.com/Articles/Index.cfm?ArticleID=6850>

They also solicit readers' comments.

73, AD6MX, Jeff

-----  
Date: Wed, 3 Dec 2003 07:07:22 -0700  
From: "Bob Hightower" <rhightower@cox.net>  
To: <km5cw@wt.net>  
Cc: <qrp-1@lehigh.edu>  
Subject: [162268] Re: How are the Key Kits coming  
Message-ID: <006801c3b9a6\$c54c7da0\$6601a8c0@Bobs>  
MIME-Version: 1.0  
Content-Type: text/plain;  
charset="Windows-1252"  
Content-Transfer-Encoding: 7bit

There is a partial list at: [http://www.swlink.net/~w5jh/serial\\_numbers.htm](http://www.swlink.net/~w5jh/serial_numbers.htm)

I suspect the list will be completed later, as the 'kitters' are scrambling to get the orders in order of date/time to be sure to be fair about who gets them.

Bob NK7M

----- Original Message -----

From: "Joe Martin" <km5cw@wt.net>  
To: "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>

Sent: Tuesday, December 02, 2003 8:46 PM  
Subject: How are the Key Kits coming

> Just wondering if there's any word on who got the first 100 brass keys?  
> sure has been quiet tonight.  
> 73 de KM5CW Joe  
>  
> -----| Virus Scanned by Symantec |-----  
>  
>

-----  
Date: Wed, 03 Dec 2003 09:08:11 -0500  
From: tjennin2@rochester.rr.com  
To: qrp-1@Lehigh.EDU  
Subject: [162269] FOX: Hi Fox results...  
Message-ID: <3FCDA7FB.30848.89A92B4@localhost>  
MIME-Version: 1.0  
Content-type: text/plain; charset=US-ASCII  
Content-transfer-encoding: 7BIT  
Content-description: Mail message body

Hi Hounds!  
Things were going great until 0238 when all of  
a sudden the din of Hounds calling went was silenced.  
All the sigs were weak last night  
and heavy qsb. Looks like the propagation duct  
was open mostly to the midwest and southwest.  
Texans were abundant as usual but this time a  
lot weaker.  
I passed out about 70 pelts but there may be  
some dups in the log. A preliminary log will be hopefully  
out later today.  
All in all I had a great time. In fact it was a relaxing  
2 hours. I enjoyed digging out all those weak sigs.  
Thank you all for trying and sorry if I didn't hear  
or copy you. There was a k3 calling me during the  
last three minutes but k3 was all I could copy.  
Until next time... good hunting!  
73  
Tom kv2x

-----  
Date: Wed, 3 Dec 2003 08:20:55 -0600

From: Wayne Rogers <w5kdj@juno.com>  
To: qrp-l@lehigh.EDU  
Subject: [162270] FS: SW20+  
Message-ID: <20031203.082055.-1502405.0.w5kdj@juno.com>  
MIME-Version: 1.0  
Content-Type: text/plain; charset=us-ascii  
Content-Transfer-Encoding: 7bit

SW-20+ and enclosure both unbuilt and in packages as received. \$85.00 shipping included.

Wayne\_W5KDJ  
ex: SV0WWW\_TF2WJN CW only  
ARS\_1392 ARCI\_11325 FP-626 e-QSL  
FISTS\_10060 SOC\_538 HQRP ARRL

-----  
Date: Wed, 03 Dec 2003 07:54:24 -0700  
From: Jerry Haigwood <w5jh@swlink.net>  
To: QRP-L Reflector <qrp-l@lehigh.edu>  
Subject: [162271] Paddles Shipping  
Message-ID: <3FCDF920.26878C33@swlink.net>  
MIME-Version: 1.0  
Content-Type: text/plain; charset=us-ascii  
Content-Transfer-Encoding: 7bit

Folks,

We are shipping the first 40 paddles today and plan to ship the rest of the first 100 by tomorrow. I have posted the updated S/N list to the paddle web site. Go to:  
<<http://www.swlink.net/~w5jh/brasspaddle.htm>> and then click on the "Serial Numbers List." If you check closely you will see S/N 37 is "Anonymous." I can't tell you who is receiving #37 because the person's spouse has ask us to keep it a secret until Christmas. The spouse wants it to be a surprise. In fact the spouse instructed us to ship to a different address to maintain that secret. We have other requests which are similar. However, I am not sure it they will arrive by Christmas because many of them are in the second and third batch. BTW, we have sold about half of batch three which is scheduled for mid-January. If you don't see your name on the list yet, hang in there. We have 60 more to ship tomorrow.

Jerry W5JH

-----  
Date: Wed, 03 Dec 2003 09:30:41 -0600  
From: Jim Gelbort <jamesgelbort@worldnet.att.net>  
To: qrp-1@lehigh.edu  
Subject: [162272] Govt-sponsored Soldering Research  
Message-ID: <5.2.0.9.0.20031203092515.00b50ef8@ipostoffice.worldnet.att.net>  
Mime-Version: 1.0  
Content-Type: text/plain; charset="us-ascii"; format=flowed

Great link for solder-sniffers; apologies if this has already been posted:

[http://science.nasa.gov/headlines/y2003/10nov\\_solder.htm](http://science.nasa.gov/headlines/y2003/10nov_solder.htm)

I note they use tin/lead solder, but with silver-coated copper wire!

72,  
Jim N9WW

-----  
Date: Wed, 03 Dec 2003 10:06:46 -0500  
From: Lee Mairs <lmairs@direcway.com>  
To: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>  
Subject: [162273] Re: How are the Key Kits coming  
Message-ID: <022401c3b9af\$eb12a970\$3b6d020a@J4>  
MIME-version: 1.0  
Content-type: text/plain; charset=Windows-1252  
Content-transfer-encoding: 7BIT

Oh no! I ordered right away and was sure I would be in the top 10, and I didn't even make the top 40. Now I am really worried about making it into the first round...

BTW, the number list is also on the AZ Scorpion kit announcements via the AMQRP webpage.

73 de Lee  
KM4YY/8

----- Original Message -----  
From: "Bob Hightower" <rhightower@cox.net>  
To: "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>  
Sent: Wednesday, December 03, 2003 9:07 AM  
Subject: Re: How are the Key Kits coming

> There is a partial list at: [http://www.swlink.net/~w5jh/serial\\_numbers.htm](http://www.swlink.net/~w5jh/serial_numbers.htm)

-----  
Date: Wed, 3 Dec 2003 08:17:49 -0800  
From: "Lee Hopper" <leehopp@msn.com>  
To: "Posting to the list QRP-L" <qrp-l@Lehigh.EDU>  
Subject: [162274] Fox: Propagation tomfoolery  
Message-ID: <BAY4-DAV47LkZT8QkSP00003e24@hotmail.com>  
MIME-Version: 1.0  
Content-Type: text/plain;  
                charset="iso-8859-1"  
Content-Transfer-Encoding: 7bit

Hi, gang -

I tuned in last night from Portland, OR and I, too, was troubled by the noise level.

The thing that puzzles me is that the prop numbers seemed to indicate good conditions, similar to cqww last weekend: A index under 10, K index of 1, flux about 140, solar wind about 400 - so why the poor condx, I wonder?

73 -

Lee Hopper, NB7F

-----  
Date: Wed, 3 Dec 2003 07:08:45 -0800  
From: "Doug Hendricks" <ki6ds@dphol.net>  
To: "Low Power Amateur Radio Discussion" <qrp-l@lehigh.edu>  
Subject: [162275] Re: [Elecraft] Orion added to Elecraft rig RX comparison page  
Message-ID: <037201c3b9af\$59741120\$4a0b0d0a@dph.dphol.net>  
MIME-Version: 1.0  
Content-Type: text/plain;  
                charset="iso-8859-1"  
Content-Transfer-Encoding: 7bit

Guys, for clarification, my comments were not cynical at all, they were serious questions that I did not know the answer to, so I asked. I also never intended nor do I think that I implied that the integrity of the principals involved was being questioned. Please do not read things into what I say. I think that I am fairly straight forward, and if I were to question someone's integrity, I would do it plainly for everyone to see.

I don't know what NorCal products that have been reviewed by QST other than

the SMK-1. This is how they got the SMK-1. I gave a kit to Joe Bottiglieri, AA1GW when he photographed Gary Diana and I at Dayton several years ago. Joe built the kit, and liked it so well that he wrote it up for a product review. I had no idea that he was going to a review when I gave it to him, it was just a gesture of kindness. I did a search on the web site and the only NorCal product that shows up is the SMK-1. Bruce, no other NorCal kit has ever been reviewed in a product review by QST, go check for yourself. Your comment that the League has reviewed "several pieces of NorCal equipment" is not true. They have reviewed one, the SMK-1, and it was not purchased anonymously, and I bet that Joe still has the rig. Ahh, but the casual reader of this may say I saw the Sierra, NorCal 40A and the SST mentioned in QST, I know I did. Yes you did, but those were all Wilderness Radio Kits, not NorCal kits. In fact many people mistakenly believe that the SST was a NorCal kit. It was not, Wilderness Radio has been the only vendor to sell an SST.

I have never been contacted by the ARRL to provide any NorCal kit for a product review, so I have no knowledge of how the procedure works. I believe that they worked through Wayne Burdick and Bob Dyer on the Sierra, NorCal 40A and the SST.

----- Original Message -----

From: "Bruce Muscolino" <w6toy@erols.com>

To: "Doug Hendricks" <ki6ds@dpol.net>

Cc: "Low Power Amateur Radio Discussion" <qrp-l@lehigh.edu>

Sent: Tuesday, December 02, 2003 4:30 PM

Subject: Re: [Elecraft] Orion added to Elecraft rig RX comparison page

> Doug, (and the group where applicable),

> >

> > Eric, I am addressing this to you via the list as I have always wondered

> > about the ARRL testing procedure. How are the rigs selected? Does the

> > manufacturer send a sample to them? Do they pick one at random from a

> > dealer? It would seem to be easy to get an Orion from Tentec having a

> > "blind" person buy it and then give it to the ARRL, just as it would be

> > to

> > have someone order a K2 and then build it and send to the ARRL for testing.

> >

> Such a cynical view of the testing policies and procedures used by the

> organization that has shown itself above question for nearly a century.

> The league has published its review policies since about 1975 when a

> noted QRPer who worked for the ARRL at the time wrote a QST article

> explaining the policy. That was Bruce Williams, WA6IVC, SK, who was

> Product Review Editor back then.

>

> To avoid questions of honesty the League adopted the policy of NOT

> accepting equipment sent in for review. All review equipment is bought  
> by League employees from established ham equipment dealers. Retail  
> price is paid for the equipment, and the dealer may or may not recognize  
> the buyer as a League employee. The purchaser then reviews the  
> equipment for QST.  
>  
> After the review has been published the equipment is sold to anybody via  
> a sealed bid process. The use of the sealed bid process means even the  
> purchaser or builder has to win the competition to get the rig!  
>  
> If the item in question is a kit, the purchaser builds the item  
> himself. They may use league lab facilities to build and test the  
> unit, but the use of lab space is strictly not on working time.  
>  
> All product review tests are then performed on the unit by League  
> staffers who generally have not been associated with the purchase or  
> build of the unit. Product review numbers are the numbers that have  
> been obtained during these tests.  
>  
> If a unit receives a bad review it receives a bad review. Manufacturers  
> may repair the test unit, but the review is published as it was tested  
> before any repair is attempted. If the equipment warrants it it may be  
> reviewed again, with separate results published.  
>  
> In actual practice the unit that kicked off Bruce's article was an MFJ  
> product. After publication MFJ apparently went through the roof asking  
> why they weren't given a chance to repair the unit before the review was  
> published. The response was something to the effect that we don't do  
> that. I understand it almost cost QST the advertisements!  
>  
> The League is honest. It is above reproach in this area. There have  
> been many articles published about their review procedures, usually by  
> the new Product Review Editor. Doug, you should know the process, they  
> have reviewed several pieces of NORCAL equipment!  
>  
> Bruce  
>

-----  
Date: Wed, 3 Dec 2003 10:36:04 -0600  
From: "Mark Andrews \((KE4MA\)" <KE4MA@KE4IOF.com>  
To: "QRP-L " <qrp-l@Lehigh.EDU>  
Subject: [162276] Re: [ke4ma] Re: How are the Key Kits coming  
Message-ID: <006901c3b9bb\$8bec7be0\$7c6e640a@BIMarkAndrews>  
MIME-Version: 1.0  
Content-Type: text/plain;

charset="Windows-1252"  
Content-Transfer-Encoding: 7bit

> Oh no! I ordered right away and was sure I would be in the top 10, and I  
> didn't even make the top 40. Now I am really worried about making it into  
> the first round...

Me too! I ordered within minutes of getting the announcement and my name  
isn't there either. I'm not complaining, just amazed at the response.

BTW, there are a couple of guys down at 74 and 77; did they special request  
those numbers?

73,

Mark - KE4MA

-----  
-----  
"If there are two or more ways to do something,  
and one of those ways can result in a catastrophe,  
someone will do it." - Murphy

-----  
Date: Wed, 03 Dec 2003 08:46:40 -0800  
From: Eric Swartz WA6HHQ - Elecraft <eric@elecraft.com>  
To: Mike Yetsko <myetsko@insydesw.com>  
Cc: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>  
Subject: [162277] Re: [Elecraft] Orion added to Elecraft rig RX comparison page  
Message-ID: <3FCE1370.8080900@elecraft.com>  
MIME-Version: 1.0  
Content-Type: text/plain; charset=us-ascii; format=flowed  
Content-Transfer-Encoding: 7bit

Hi Mike,

We get almost identical dynamic range numbers in our lab, which is almost a  
duplicate of the ARRL's, when we have tested a number of different K2s :-) We  
haven't cherry picked any, but we do try to test a wide number of rigs,  
including those sent in for repair, to gauge if there is much difference from  
rig to rig.

Unless they are severely misaligned, all the K2s I have tested come in within  
2-3 dB of each other in dynamic range.

73, Eric WA6HHQ



-----

Mike Yetsko wrote:

> ----- Original Message -----

> So...

>

> Since you only post/compare the ARRL listing, just what kind of numbers  
> did you guys come up with in your lab for your OWN K2's? The 'cherry  
> built' from hand selected parts by the very guys that designed them?

-----

Date: Wed, 03 Dec 2003 11:02:23 -0600

From: dave <hottell@gulftel.com>

To: leehopp@msn.com

Cc: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>

Subject: [162278] Re: Fox: Propagation tomfoolery

Message-ID: <3FCE171F.7010905@gulftel.com>

MIME-Version: 1.0

Content-Type: text/plain; charset=us-ascii; format=flowed

Content-Transfer-Encoding: 7bit

Lee,

From what I heard last night you may have had some local noise. I had another engagement so did not turn on the K1 until about 0330z. Worked Tom at about 0335 and Karl about 0346. The noise level was quite low. Both foxii signals were ez cpy. There was some qsb, but that is normal. Was using the K1 to a ground mounted HB 40m vertical fed with 300 ohm twin lead.

73 de dave

ab9ca

Lee Hopper wrote:

> Hi, gang -

>

> I tuned in last night from Portland, OR and I, too, was troubled by the  
> noise level.

>

> The thing that puzzles me is that the prop numbers seemed to indicate good

> conditions, similar to cqww last weekend: A index under 10, K index of 1,  
> flux about 140, solar wind about 400 - so why the poor condx, I wonder?  
>  
> 73 -  
>  
> Lee Hopper, NB7F  
>  
>

-----  
Date: Wed, 3 Dec 2003 12:27:10 -0500  
From: "Nick Foster" <nfooster@bluefinrobotics.com>  
To: "'Low Power Amateur Radio Discussion'" <qrp-1@Lehigh.EDU>  
Subject: [162279] RE: "ET phone home" ?  
Message-ID: <000001c3b9c2\$af137db0\$ed00a8c0@PECKERHEAD>  
MIME-Version: 1.0  
Content-Type: text/plain;  
                charset="us-ascii"  
Content-Transfer-Encoding: 7bit

Back when I was in middle school and just getting started in ham radio (with a Drake TR-4C), I was sitting in my room late one night when my dad walked in, looking irritated. "Mom's trying to sleep, turn off your radio."

"But Dad", I replied, "my radio's not on!"

Turns out Mom was hearing CW in her amalgam fillings, presumably from the 40M/20M double dipole strung right over her bedroom. Never happened before, never since, and I'd never believe it if someone else told me. And, it wasn't from my 150W transmitter, only from other signals. I wish I'd have thought to have Mom try to copy some slow CW on paper: it'd have made a great SWL QSL card, putting down "Mom's fillings" for the "Receiver:" line.

But about the ELF: the current theory is that, near the transmitter, the near-field waves are strong enough to generate inductive current in nearby objects, causing them to vibrate and generate sound. Don't know how much of that I believe, though.

--nick

-----Original Message-----

From: owner-qrp-1@Lehigh.EDU [mailto:owner-qrp-1@Lehigh.EDU] On Behalf Of Peter Burbank  
Sent: Wednesday, December 03, 2003 12:02 AM

To: Low Power Amateur Radio Discussion  
Subject: Re: "ET phone home" ?

I think RTTY in your head would drive you nuts but the CW was great.:-)  
73 Pete NV4V

At 07:44 PM 12/2/2003, Garie Halstead K8KFJ wrote:

>--- Peter Burbank <peterlee@qx.net> wrote:

>

> > Armin es gangue.

> > I was reading some stuff about Navy Sub communications a few days

> > ago and a mention was

> > made about an ELF antenna in Wisconsin. The legs were 14 miles long

> > and

> > beryllium handling

> > gobs of power. The reason for the frequency is that it penetrates

> > saltwater

> > for maybe 30 feet

> > for submarine receiving.

> > When I was in subs we experimented with many antennas to hear NSS

and

> > NAA

> > full time.

> > One was a trailing floating wire. We ran up the periscope and there

> > were

> > hundreds of seagulls

> > chasing it. Hardly secret!

> > I have read things about people being annoyed by signals being

> > rectified by

> > their tooth fillings.

> > My 2 cents.....73 :-)

> > Pete NV4V

>

>VLF Station NAA

>Cutler, Me

>17.8 KHz

>2,000,000 watts

>

>I copied NAA on a VLF receiver from a Morse Intercept site in northern

>Germany with no problem.

>

>72, Gary -K8KFJ-

>West Virginia

>

>-----

>Do you Yahoo!?

>Protect your identity with Yahoo! Mail AddressGuard  
><http://antispam.yahoo.com/whatsnewfree>

-----  
Date: Wed, 03 Dec 2003 10:39:18 -0700  
From: Jerry Haigwood <w5jh@swlink.net>  
To: unlisted-recipients:; (no To-header on input)  
Cc: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>  
Subject: [162280] Re: [ke4ma] Re: How are the Key Kits coming  
Message-ID: <3FCE1FC6.72C4E77F@swlink.net>  
MIME-Version: 1.0  
Content-Type: text/plain; charset=us-ascii  
Content-Transfer-Encoding: 7bit

"Mark Andrews (KE4MA)" wrote:

> > Oh no! I ordered right away and was sure I would be in the top 10, and I  
> > didn't even make the top 40. Now I am really worried about making it into  
> > the first round...  
>  
> Me too! I ordered within minutes of getting the announcement and my name  
> isn't there either. I'm not complaining, just amazed at the response.  
>  
> BTW, there are a couple of guys down at 74 and 77; did they special request  
> those numbers?  
>  
> 73,  
>  
> Mark - KE4MA  
> -----  
> -----  
> "If there are two or more ways to do something,  
> and one of those ways can result in a catastrophe,  
> someone will do it." - Murphy

Mark,

Yes, they requested those numbers. They actually haven't been shipped yet but will be by tomorrow. We allow serial numbers requests if they are available at the time of ordering and if no one has reserved them already. No extra charge. Also, no guarantees. :-) So, if you were ordering today you could ask for S/N 275 and probably get it since we have sold about 250 paddles since last Wednesday. To say we are overwhelmed would be an understatement! If you ordered before 10:30 AM on the 26th (last Wednesday) by paypal, you have a good

chance of getting one of the first 100. If you ordered by US Mail, it gets a bit more difficult to tell because we use the date stamped by the post office. It would depend on how fast your post office processed your letter before the Turkey holiday. I can tell you we will be working as fast as we can to deliver all the paddles in a timely manner. I am off of work for 2 weeks at Christmas as is John Stevens and that will allow us more time to work on the paddles. We have also found a few more volunteers that will help with some of the work and that will also help speed things up.

Jerry W5JH

-----  
Date: Wed, 3 Dec 2003 10:20:23 -0800 (PST)  
From: Lee Boulineau <n4mvl@yahoo.com>  
To: w5jh@swlink.net,  
Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>  
Subject: [162281] Re: How are the Key Kits coming  
Message-ID: <20031203182023.77502.qmail@web21207.mail.yahoo.com>  
MIME-Version: 1.0  
Content-Type: text/plain; charset=us-ascii

It's unanimous then - this is a "must have" kit!!!  
Hat's off to the AZ ScQRPions for another great offering!!!

72 de N4MVL Lee

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> ordered before 10:30 AM on the 26th (last Wednesday)  
> by paypal, you have a good  
> chance of getting one of the first 100.

-----  
Do you Yahoo!?  
Free Pop-Up Blocker - Get it now  
<http://companion.yahoo.com/>  
-----

Date: Wed, 3 Dec 2003 10:27:33 -0800 (PST)  
From: Curt Milton <wb8yyy@yahoo.com>  
To: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>  
Subject: [162282] Re: [ke4ma] Re: How are the Key Kits coming  
Message-ID: <20031203182733.22021.qmail@web21402.mail.yahoo.com>  
MIME-Version: 1.0  
Content-Type: text/plain; charset=us-ascii

I realize no one meant any animosity in their communications, but ... Let's all who have ordered paddles give the Az Scorpions a big thank you by taking this all low profile as to when we will get them or what numbers we will get. Yes I was hoping to build one during xmas break, but when it took the mail carrier all day to finally get to my mailbox on Wednesday and who knows when it got post-marked ... So if I get #299 after the holidays I will still be glad they included others outside their club in this project, supplying knowledge, skills and tools I don't have - plus a lot of their own time. Patience and appreciation are virtues when we are invited guests in participating in this activity.

Let's let the team successfully get out of the paddle making business in due time. Meanwhile thanks in advance.

curt wb8yyy

--- Jerry Haigwood <w5jh@swlink.net> wrote:  
> "Mark Andrews (KE4MA)" wrote:  
>  
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> would be in the top 10, and I  
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> have also found a few more volunteers that will help  
> with some of the work and  
> that will also help speed things up.  
>  
> Jerry W5JH  
>  
>  
>  
>

>  
>

-----  
Do you Yahoo!?  
Free Pop-Up Blocker - Get it now  
<http://companion.yahoo.com/>  
-----

Date: Wed, 03 Dec 2003 13:52:46 -0500  
From: Bruce Muscolino <w6toy@erols.com>  
To: Doug Hendricks <ki6ds@dpol.net>  
Cc: Low Power Amateur Radio Discussion <qrp-1@lehigh.edu>  
Subject: [162283] Re: [Elecraft] Orion added to Elecraft rig RX comparison page  
Message-ID: <3FCE30FE.65768DC0@erols.com>  
MIME-Version: 1.0  
Content-Type: text/plain; charset=us-ascii  
Content-Transfer-Encoding: 7bit

Well, Doug, excuse me. I misinterpreted your message. I should have seen that your line of questions were only because you didn't know anything about the review procedures. Otherwise why would you suggest possible scenario involving loaded equipment received for review. After all, you didn't know. My mistake and please accept my apology.

I am guilty of reading too much into the message. And I am also guilty of confusing NORCAL with Wilderness Radio. Their product list includes the NORCAL 40 and their founders started life as NORCAL members. Again please accept my apologies.

It also seems my information was a bit dated, but that often happens when we do not follow changes closely. I believe now, and then, that the League is honest and has only the interest of ALL amateurs at heart. Negative comments about them anger me. Hams should be thankful for their efforts on behalf of the hobby.

At any rate this will be my last comment on this topic.

Bruce

-----  
Date: Wed, 3 Dec 2003 17:34:13 -0000  
From: "brian russell" <brian-nsl@freenet.co.uk>  
To: <qrp-1@lehigh.edu>



Subject: [162284] Re: "ET phone home" ?  
Message-ID: <003301c3b9d2\$52e313b0\$02192850@briandlatmd1ba>  
MIME-Version: 1.0  
Content-Type: text/plain;  
charset="iso-8859-1"  
Content-Transfer-Encoding: 8bit

Hi gang,

Thank you to the contributors to this fascinating subject, that is some long wire antenna there in the forest, I bet it's not magnet wire hi!

On the E L F / Submarines subject in general terms, there is a fascinating book entitled " Blind Mans Bluff " by Shelley Sontag, some of the cold war sub stories are amazing.

72, Brian. G NSL-QRP.

----- Original Message -----

From: "DTX" <dtx@wood.tzo.com>

To: "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>

Sent: Tuesday, December 02, 2003 11:42 PM

Subject: Re: "ET phone home" ?

> ELF as in 300 to 3000 Hz? Even so, to my knowledge the ears do not hear  
> electromagnetic radiation no matter how low the frequency. Perhaps being  
in

> the "near field" of a 200KW transmitter feeding an antenna at 3kHz might  
> cause physiological effects, i.e. a throbbing sensation in the head ;-)  
>

> I did not see that show, but a few nights ago I did see a History Channel  
> program that described the Looking Glass airborne SAC command center.  
They

> fed 200KW to a trailing antenna 5 MILES long. Said they flew in a tight  
> circle so the antenna would droop to the vertical as much as possible.  
> Hmmm, not sure I'd want to do that<G>. It's purpose was to send launch  
> codes to submerged submarines.  
>

> Gary WA6DTX

> ----- Original Message -----

> From: "Armin Hachmer" <armin@muskoka.com>

> To: "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>

> Sent: Tuesday, December 02, 2003 12:23 PM

> Subject: "ET phone home" ?  
>  
>

> > chatter at the coffee shop this morning was all about a TV program last  
> > night on Unsolved Mysteries.  
> >

> > ELF ..extremely low frequency used by the military to communicate over  
> > great distances ( i am quoting this, did not see it myself) is audible  
to  
> > some human ears.  
> >  
> > hm... it is supposed to sound like a  
> > big diesel truck laboring up a distant hill.  
> >  
> > Has anyone seen the program and can tell me more?  
> >  
> > Curious Armin VE3TEQ  
> >  
> >  
>  
>

-----  
Date: Wed, 3 Dec 2003 14:53:37 -0500 (EST)  
From: "n2cx" <n2cx@voicenet.com>  
To: qrp-1@lehigh.edu  
Subject: [162285] Re: "ET phone home" ?  
Message-ID: <200312031953.hB3Jrbw28053@email1.voicenet.com>  
MIME-Version: 1.0  
Content-Type: text/plain; charset=iso-8859-1

Gang,

This has been a errr... *\*different\** thread.

Here's some OT but, I think, interesting related info.

I beleive it was Electronic Design mag - a trade journal - that had an explanatory article on the system several years back. I was teaching an antenna theory course at my workplace at the time and used it as a reference.

Seems the above-ground conductors are used in conjunction with a ground system and some subsurface high-conductivity earth under a conducting rock layer to form a large "magnetic" loop antenna. Well large by HF standards but much smaller than a wavelength in the 10's of Hertz. They need heaps of transmitter power since the efficiency is so low. Just imagine a substantial part of a *\*state\** as a loop antenna - staggering!

BTW, I had some later dealings with a group from MIT's Lincoln Labs

who did some early trials of a trailing wire receive antenna for subs.

It was a 1/4 mile long length of shielded cable with its center conductor magnetically loaded with a spiral wrap of magnetic recording tape. The far end had the center conductor and shield connected together and, of course insulated from the seawater. They cruised in the North Atlantic using the US and european power grids (60 and 50 Hz, respectively) as a transmitted signal source and found that the receive antenna was somewhat directive.

Once the Navy had an operational system, testing information became classified.

Joe E.

-----  
Date: Wed, 3 Dec 2003 12:56:26 -0700  
From: "Ron Pyle" <raple@gwtc.net>  
To: "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>  
Subject: [162286] Re: Selling a few things...  
Message-ID: <028201c3b9d7\$892ab310\$65aafb40@yourjbuypagwhk>  
MIME-Version: 1.0  
Content-Type: text/plain;  
                charset="iso-8859-1"  
Content-Transfer-Encoding: 7bit

I want to apologize to everybody. I have to go back out today. I've suffered an extreme personal loss as well as financial. I'll try to get back asap and respond with more info on the equipment to sell.

Ron  
KC0QXU

-----  
Date: Wed, 3 Dec 2003 17:54:03 -0500  
From: "carl seyersdahl" <carlseye@tampabay.rr.com>  
To: "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>  
Subject: [162287] meters  
Message-ID: <005501c3b9f0\$603e6fa0\$bb38ca44@tampabay.rr.com>  
MIME-Version: 1.0  
Content-Type: text/plain;  
                charset="iso-8859-1"  
Content-Transfer-Encoding: 7bit

Hi, guys (and gals) !!!  
in reference to analog meters, I have always watched and waited for  
meters.!! I've bought and sold many meters over the years.;.;; I've always  
been looking for the  
1 miliamp or less . movements, no matter what the "scale" says.  
I'lol keep my eye open( or is that eyes??) for those .!!  
I've got a couple of meters here , 500microamps or less, which I've been  
saving for various 'projects'. I'll be happy to Share cuz I'm not sure I'll  
ever get all my 'projects' done.  
Please keep me in mind ~!!!!!!  
carl / kz5ca

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End of QRP-L Digest 3123  
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